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JOURNAL

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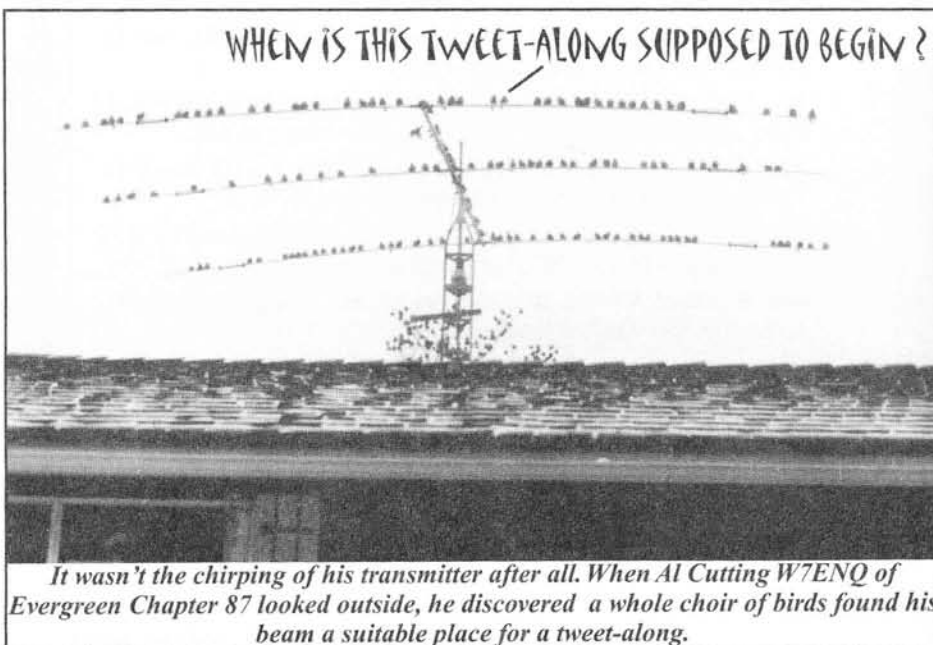
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THOSE WHO HAVE SERVED

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Earl R. Thomas, W2MM (SK)	1965 - 1968
Clarence Seid, W2KW	1969 - 1971
Barry Goldwater, K7UGA	1972 - 1973
Frank A. Gunther, W2ALS	1974 - 1977
Harry S. Gartsman, W6ATC	1978 - 1981
Stuart Meyer, W2GHK (SK)	1982 - 1985
Leland Smith, W5KL	1986 - 1989
Harry Dannals, W2HD	1989 - 1994
Lew McCoy, W1ICP	1994 - 1996
John Kelleher, W4ZC	1996 - 1998

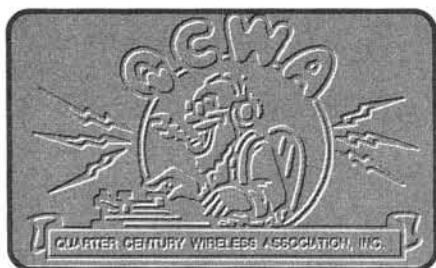
Executive Secretary/General Manager

Ralph Barber, W2ZM (SK)	1955 - 1964
Gus Gironda, W2JE (SK)	1965 - 1973
Ethel Smith, K4LMB (SK)	1974 - 1976
Ted Heithecker, W5EJ (SK)	1976 - 1991

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44 Western Lane, Amherst,
MA 01002 (October 1-May
1), 6002 N. Fremont, Tampa,
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The Quarter Century Wireless Association

The Quarter Century Wireless Association, Inc. was founded December 5, 1947, as a non-commercial association of radio amateurs organized for the promotion of interest in Amateur Radio communication and experimentation, for the establishment and advancement of the radio art and of the public welfare.

QCWA is an incorporated association without capital stock chartered under the laws of the State of New York, and is a tax exempt 501(C)3 organization under the Internal Revenue Code of 1986.

Its affairs are governed by a President, Vice President, Secretary, Treasurer and a Board of Directors, whose voting members are elected every two years by the general membership.

In order to qualify for membership in QCWA one must have demonstrable proof of having been first licensed as an Amateur Radio operator at least 25 years prior to application for membership and must be currently licensed.

Membership inquiries and general correspondence should be addressed to the business office at 159 E. 16th Ave., Eugene, OR 97401-4017 USA. Telephone, 541-683-0987. Fax/BBS, 541-683-4181.



From the President

Gary R. Harrison, KØBC



The QCWA Board of Directors has been working on the Association's reply to the FCC's restructuring notice. President Emeritus Leland Smith, W5KL, is chairing the committee formulating the reply. I am sure that the results of QCWA and the FCC's efforts will not please everyone. Just like most things in life amateur radio will change. Hopefully with all of us working together the changes will be something we can all live with.

We are still getting replies from the survey that was sent to all life members. If you are a life member and have not sent us a reply, please do so now. Some of the life members received a letter from President Kelleher. If you received this letter that means we did not hear from you. If you have not replied, we are not sure that you are receiving the mail from us including the Journal. If you did not receive either the survey or the letter we still want to hear from you. Mailing the Journal to a member that is not receiving it costs both QCWA and the member! Soon, if we don't hear from you, we will assume that we are wasting the Journal that

you should be getting and stop sending it. A phone call, card, letter, email or message on one of the nets to Headquarters will help us both.

One of the concerns from the survey was the lack of a local chapter. This can be easy to correct! The number of members to form a local chapter has recently been reduced. All you need now for a local chapter is five members. You can also earn a recruiting award by recruiting five new members. Just think, you can be awarded for starting a local chapter! As Gene Nailon, K5DLE, the top recruiter of 97 said, "you have to ask them to join". Headquarters will be glad to supply all of the information needed to help you get your chapter recognized.

By the time you get this Journal the Palm Desert Convention is just a pleasant memory. The QCWA Board had a great deal of business to conduct at the annual meeting during the Convention. A report on the Convention can be found in this issue of the Journal. The next Convention will be in the "Gateway City" of St. Louis, Missouri. Start making your plans to join us in the Show Me State.



Two powerful Presidents at the Saturday banquet - Rod Stafford, W7ROD, ARRL President (l) and Gary Harrison KØBC, QCWA President.

QCWA BOARD RESPONDS TO FCC DOCKET

By Gary Harrison, KØBC, QCWA President

The QCWA Board of Directors at the annual meeting in Palm Desert, California, on October 8 and 9, 1998 received the report of the special committee appointed to draft a response to FCC Docket 98-143 released August 10, 1998. The committee consisted of Leland Smith, W5KL, QCWA President Emeritus; Gary Harrison; KØBC, QCWA President; Jack Kelleher, W4ZC, QCWA Past President and Duke Knief, W2YTO, QCWA Treasurer. After considerable discussion, during which Board members expressed opinions, exchanged views and discussed the subject, the draft response was finalized and approved by the Board with only one dissenting vote.

It may be noted that there is some similarity in the recommendations of the QCWA Board and those of the ARRL which were filed with the FCC prior to release of Docket 98-143. The QCWA response, however, was based on our own knowledge and experiences, evaluations of input received from QCWA members and what we believed were in the best interests of amateur radio in this country now and in the foreseeable future. Adoption of our recommendations degrade no present license holder, streamlines and simplifies the FCC licensing structure and brings it in more in line with the rules and regulations trends in many other countries.

Accordingly, the QCWA Board recommendations to the FCC include:

A. A reduction in the present six classes of amateur licenses to three.

1. Technician - no code required
2. General - 5 wpm
3. Extra - 12 wpm

The Novice class be phased out and the present Novice and Technician Class operators licensed prior to 1987 be grandfathered to the General Class.

Technician Plus Class licensees be grandfathered to the General Class.

Advanced Class licensees be grandfathered to the Extra Class.

B. General Class licensees be authorized to serve as VEs for Technician Class applicants.

C. Races Station Licenses be deleted.

D. The Amateur Auxiliary continue policing improper radio transmissions.

E. As three levels of 5, 13 and 20 wpm code proficiency are not relevant to today's communication practices, only two code speeds be required for amateur licensing; 5 and 12 wpm.

Applicants for code proficiency be required to copy perfectly one full minute of the test.

Require handicapped applicants to substantiate claims for disability waivers.

Written examinations include advanced technologies and require a minimum passing grade of 75.

Copies of the complete QCWA response and recommendations to FCC Docket 98-143 are available at QCWA Headquarters. Requests for copies should include a SASE.

Undamped Wave Receiving Apparatus

For Receiving from Arc and Other Undamped Wave Stations. Hear the Flute-Like Wireless Signals from Germany Careening across the Atlantic.

The use of undamped wave sending apparatus by all the new long distance commercial stations and the exceedingly large number of government stations using this type of apparatus, have created a widespread interest among all live wireless amateurs. These stations practically all operate on a wavelength of 6,000 meters or over. To hear these stations to advantage considerable care must be manifested in the selection of your undamped wave apparatus and as well in the other instruments comprising the set. You have but to hear the flute like voice of one of these stations to own this apparatus. With an aerial all the way from 30 to 100 feet in length and but 20 to 40 feet above a dwelling, stations in Ohio and Illinois have been able to pick up the arc stations in Germany. In fact a party living in Chicago easily picks up Sayville and Tuckerton, using the top wire of a barbed wire fence as an aerial. He has also used the lower wire as a ground but the results are not as good as when a better ground is used. The impression prevails among many amateurs that a high and long aerial are necessary to pick up these arc stations, whereas just the reverse is the case. The arc stations in this country may be picked up with almost any kind of an aerial. Stations in the interior of the country should, of course, use first class apparatus and have the aerial as long and high as possible. The apparatus employed and the length and height of the antenna will govern to a very large extent in stations in the interior being able to hear the stations in the foreign countries.



This apparatus is designed to be used with any of the various vacuum detector-oscillators on the market. The best type will be found listed in this catalog.

These inductance loading coils will load any antenna and loose coupler that have a combined wave length of 3,000 meters up to 15,000 meters, -a longer wave length than is now in use. The coils are all wound with white single silk covered wire on special tubes.

It will be observed that we do not use enameled wire. Also that there is no dye, varnish or shellac on the windings. These features alone make these coils more efficient than any other on the market.

Hand rubbed. Mahogany finished ends 6-1/2 inches square cap the 28 inch tube on each end. The winding is covered with black leatherette paper.

*From The William B. Duck Co. catalog circa 1915.
Thanks to Richard R. Hulse W7RFE #4248.*



**Reader may have met
"Agent Leopard"**

**From Robert O. Hess W8VIF of
Tamarac FL**

Dear Editor

I read with great interest the article about Agent Leopard by Malcolm McLeman - F5VBU (Fall 1998 Issue of the Journal)

I probably met Agent Leopard while serving with the Office of Strategic Services (OSS) Special Counterintelligence Unit (SCI) in Lyons after D-Day in 1944. The man I met was invited to see our radio station and operation and at the time was wearing a French Detective uniform and had been with the French Maquis during the German occupation and a famous operative. We exchanged Ham call signs and he was impressed when he watched me copy a message on an old Underwood typewriter in five letter-coded groups at around 35 wpm.

We had an impressive station, probably the largest in the Lyons area. One transmitter ran a pair 813's in the final and I really had it souped up. Our main receiver was an RCA AR-88 a very excellent superhet with two RF stages and I think, 3 IF's. We had one long wire antenna that was about 300 feet long and I could hear and copy our agents working out of Germany, from behind the lines, running about 5 watts to an indoor antenna. That receiver could hear signals that were not even indicated on our other SCR (Signal Corps Radio) receivers.

Our mission was to capture German W/T agents operating in and around Lyons; talk them into working for us and set them up as German agents working under our supervision. Some of these Abwehr agents were left behind when the Germans retreated and some were parachuted in. We captured several

of them using DF equipment plus other methods. This Police Detective was a great help in that he had his agency turn over captured operatives to us.

The first time I met Leopard was at our place of operations, I think it was he because I heard the word Ajax, and this man was with that group. He was wearing a very nice civilian blue pinstriped suit with his Colt .45 ACP pistol in a hand made shoulder holster under his suit jacket. At that time he was very suspicious of us and would not cooperate at all. This was about the time when we were working with some Nazi sympathizers and other officials in Lyons.

Our agents that we were dropping behind German lines, for the most part, were using SST-1 and SSR-1 radio sets contained in a suitcase. The transmitter consisted of a 6L6 crystal-controlled oscillator with a variable roller ceramic tuning coil with a small lamp as an antenna-loading indicator in one metal copper plated black box. The set worked very well and would load up just about anything as an antenna. With a separate power supply which worked on six to twelve volts DC and 90 to 250 volts AC 40 to 60 cycle the good old 6L6 metal tube put at least 10 watts out or better. I worked several of these rigs and reception was always good from inside Germany to Paris or Lyons.

The receiver had a matching case to the transmitter and consisted of a four-tube superhet - First oscillator and mixer, one IF, detector, and one AF amplifier. A very good receiver with loctal tubes. The Germans were very apt at DF'ing and our people had to be fast, only sending their messages once, either working from a safe house, top floor apartment or barn, then they had to get out fast. We sometimes would have several operators copying the signal together or wire record it.

The German intelligence arm Abwehr had trouble getting good agents to sign up even though they

offered them a lot of money. Most of the US money was gold seal tens and twenties but expertly counterfeited by the German government. The typical Abwehr agent was older 35 to 50 and generally had some Morse training. They were Marine, German Navy, German Army, French Navy, Spanish Army, etc., but were back in civilian life as were most of the agents we captured. The British Special Operations Executive (SOE) was very helpful. You can't imagine how big a dossier they had on many of the agents we captured. We were quite successful in talking these agents into working for us as when the French captured them they were given the old treatment and usually executed and they knew it.

One German agent worked his headquarters up until the last few days of the war. Their signal kept getting weaker and weaker as they moved back into Berlin but they never gave up and we didn't either.

**Agent Leopard
provokes a question
From Skipp Tullen, K2PXQ**

To the Editor of QCWA:

It was with admiration and respect that I read Malcolm McLeman's biography of Tony Mercader's WWII resistance activities in the Fall-1998 issue of QCWA Journal.

I am puzzled, however, by one technical aspect. Author McLeman refers to the souping up of conventional AM table radios by the addition of a circuit containing a type 80 vacuum tube. This tube is a power rectifier and can not produce the gain necessary to provide "increased selectivity and clearer reception." Will someone help me understand the operation of this modification?

Many thanks!

Skipp Tullen, K2PXQ

Morristown, New Jersey
member # 26621

skipp@tullensound.com



Gen. Manager's Report

Jim Walsh, W7LVN

A lot of things have been taking place around here, and some are very interesting. Some time back I told you about getting ready to start scanning the 29000+ applications we have and emptying 10 file drawers that currently hold those binders. Well, the task has started and we only have 28,000+ to go, the first 1800 have been saved to a CD-ROM disk. Just imagine 29000 records on two, maybe three CD disks, and our ten file drawers can be used for current files.

Currently we are supplying copies of the Directory update for \$5.00, which includes postage, to all of those who requested it. Would you believe that only 80 people requested an update copy? We had been led to believe that this was a mandatory thing for our membership, but it doesn't look like it is maybe all that important. Nevertheless we are working on it and those who have received the update are very pleased. For any that are interested this is an update, not a complete directory. Next summer we will do the other half of the calls, and hopefully follow that routine in following years doing about 1/2 of the call areas in the directory.

We have a quandary and perhaps some of you can help us. In the Life membership survey a lot of members failed to sign or even give us their call signs and so we were just blocked from replying to many of them. The one important reply we received was from a blind amateur, Life member, in Canada. No name or Call on the return and requested to be added to the list for a copy of the blind tape that we send out to our sight impaired members. Please check around a bit and help us to find this individual so we can help.

Our mailing problems are getting better and much thanks to all of you who have helped with correct +four on your mailing ZIP codes. There are still a few, but the number has been greatly reduced, that cause us to have to run a special bulk mailing.

The other great thing that has happened is that we are back into the T-shirt / Golf shirt business with the greatest looking shirts you have ever seen. The logo is double screened, giving it great body, in yellow and black. Elsewhere in this issue are sizes and prices, again postpaid, waiting for your orders. Perhaps the cover of this Journal will have a cover picture of the new Board of Directors with their golf shirts displayed.

Keep those membership applications coming in !!

Jim Walsh, W7LVN

Memorial Scholarship Fund Donations

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W4ZC	W6BDE, W1VPF & W4NZJ
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CHAPTER # 126	W4DCP
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CHAPTER #45	KB4TAG
CHAPTER # 134	CHAPTER #134 SILENT KEYS
CHAPTER # 63	K5VFN



QCWA Salutes Robert L Bookwalter, W8DGU

Robert L Bookwalter, W8DGU has performed an exemplary job for the QCWA for many years. Bob is legally blind and can no longer continue in his duties as the Historian of Suncoast Chapter 53 in Florida. QCWA appreciates his long and valuable service to the organization. We salute you.

Ham from Poland seeks information

Tomasz Ciepielowski SP5CCC has been on the air since 1967, primarily as SP8CCC. Recently, he decided to write a book dedicated to the history of ham radio in Poland, starting about 1923.

Tom is finding it difficult to find documents to support his research and would appreciate receiving QSL cards, photos, and/or letters from Polish hams - especially for the period between 1925-1939.

He indicates that he has some old photos of U.S. hams for which he would be happy to exchange for the information which he is seeking.

A New Address for the QCWA home page

On Monday, September 28th, 1998, a new address was initiated for the QCWA Home Page. The new address is <http://www.qcwa.org>. The old URL is still workable and you can continue to use it, but this one is shorter and when a search is done, people will be sure to find us. We receive many requests for information through this Internet page.

<http://www.qcwa.org>

Directory Update

As planned and announced a year ago, about 1/3 of the call areas in the Directory will be updated in June. There will be a charge to cover the printing and mailing expenses. It is anticipated to be about \$4.00 to \$5.00.

In order to plan the printing order, it is necessary for you to indicate your desire to order a copy. Please send your call and name (with e-mail address if available) as soon as possible. Once the printing quantity and costs are determined, QCWA Headquarters will notify you of the directory cost.

QCWA T-shirts & Golf Shirts

Wear the QCWA Logo proudly on a QCWA Golf or T-shirt, now available from headquarters. The fine quality T-shirts have a large, two-color black and gold QCWA logo imprinted on the front of the shirt while the natty two-button collared golf shirts with convenient pocket, have the two-color logo displayed on the right side of the shirt.

One can see the golf shirts emblazoned with the two-color logo in the color photograph of the new officers and Board of Directors on the cover of the Winter 1998 Journal.

T-shirts: Sizes

SM to XL - \$13.00/ea.

XXL to XXXL - \$15.00/ea.



Golf Shirts (with pocket) Sizes:

SM to XL - \$20.00/ea.

XXL to XXXL - \$23.00/ea.



Individual shirts are shipped postpaid. If you order 2 or 3 shirts (going to same address), deduct \$3 or \$6 respectively from the order. For orders greater than 3 to the same address (such as Chapters) contact headquarters for the pricing.

Order from:

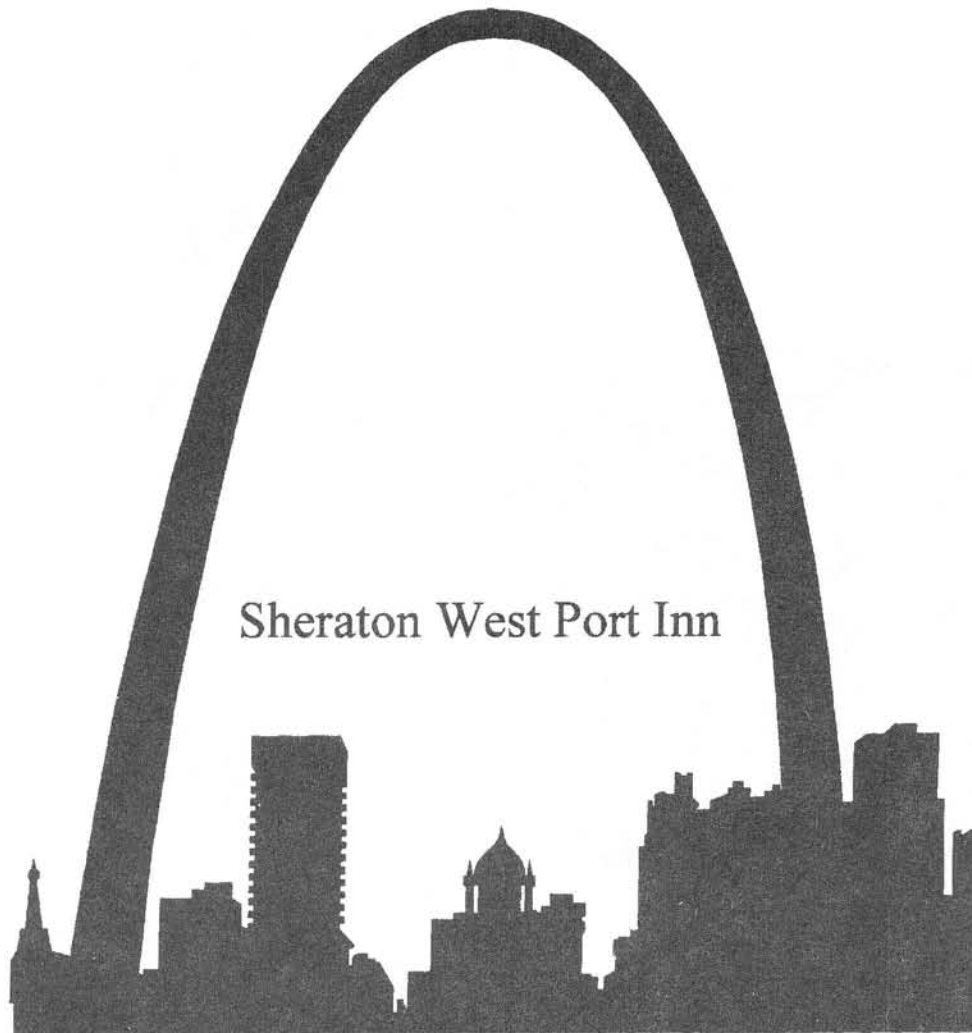
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Meet me in St. Louie, Louie

September 24 & 25, 1999



1999 QCWA National Convention
Missouri Chapter 19 will
“Show You St. Louis”

Convention Hotel There are two Sheraton Hotels in the West Port Plaza complex. All convention activities will take place at the beautiful Sheraton West Port Inn that overlooks the lake and the 150-foot high geyser fountain. There are lighted walking paths around the lake and complex for those who want to take a stroll. Ask for the QCWA special room rate of \$85.00 per night. This rate also applies to the three days before and after the convention. Make your reservations directly with the Sheraton West Port Inn, 191 West Port Plaza, St. Louis, MO 63146, 314-878-1500.

West Port Plaza The plaza contains 20 restaurants ranging from "fast food" to some of the best steaks and seafood in the area. American, Japanese, Italian, Irish, German and Continental cuisine is available within walking distance. The plaza is a little West and South of Lambert St. Louis International airport and free shuttle service is available.

The Big Picture For your planning purposes here an overview of the convention agenda:

Wednesday: Board of Directors arrive

Thursday: Directors meet, Convention registration begins, Hospitality suite opens.

Friday: Convention Forums, Tours, Hospitality suite, Get acquainted party with cash bar.

Saturday: Convention Forums, Tours, Hospitality suite, Banquet, Awards, Guest speaker

Forums Speakers for the convention forums have not been finalized at the time this is being written. The tentative forum list includes: QCWA, ARRL, Audio Processing, Satellites and Antennas.

Registration Register now by completing the form below. Fee includes all forums, morning and afternoon refreshments, Friday evening "Get Acquainted" party (cash bar for drinks) and hospitality suite. Fees for the tours will be collected during the on-site registration. There is no convention registration charge for a non-member spouse or guest.

1999 QCWA National Convention, September 24 & 25, St. Louis, MO

Name _____ Call _____ QCWA # _____

Spouse/Guest Name _____ Call _____ QCWA # _____

Address _____

City _____ State _____ Zip _____

	Number	Cost Each	Amount
Member registration		\$15.00	
Spouse/Guest		Free	
Banquet Dinner: Chicken Roulade		\$25.00	
Banquet Dinner: Filet Mignon		\$30.00	
		Total	

Please make checks payable to: QCWA National 99 and mail to the Registration Chair:

Mr. Russ Poe, WAØRWF, 1717 Janet Place, Kirkwood, MO 63122

For planning purposes: Friday tour participants: _____ Saturday tour Participants: _____

Questions? Contact chairman: Roger H Volk, KØGOB, e-mail: rvolk@gatewaygrp.com



RULES & REGS



by Jack Kelleher, W4ZC, 612 Ednor Rd., Silver Spring, MD 20905

This column presents a summary of recent significant actions in the area of domestic and, as appropriate, international Rules and Regulations.

License Restructuring, FCC WT Docket No. 98-143.

A summary of the QCWA comments to the FCC on this Notice of Proposed Rulemaking (on Amendment of Part 97 of the Commission's Amateur Service Rules) appears elsewhere in this issue of the Journal. As noted therein, a complete copy of QCWA comments is available from QCWA Headquarters.

Universal Licensing System

In Report WT-98-34 (September 17, 1998) the FCC's Wireless Telecommunications Bureau unofficially announced adoption of rules that consolidate, revise and streamline its license application procedures for radio services licensed by the Wireless Telecommunications Bureau. (Release of the full text of the Report and Order, FCC 98-234 constitutes official action).

Specifically, the Commission took the following actions in the R&O: (the list that follows is not complete; it contains only those actions applicable to the Amateur Service)

- * Adopted four consolidated ULS application forms for wireless services, replacing over 40 existing forms; Form 605 is the Quick-Form Application for Authorization in the Ship, Aircraft, Amateur, Restricted and Commercial Operator, and General Mobile Radio Services. The Commission will allow continued use of existing forms for a transition period of six months after the effective date of these rules.

- * Consolidated wireless licensing rules currently contained in service-specific rule parts into a single set of rules in Part 1, eliminating duplicative and unnecessary rules.

- * Mandated electronic filing in ULS for applicants in some services. . . . However, public safety, private land mobile services on shared spectrum, Amateur Radio, GMRS, Ship and Aircraft, and Commercial Radio Operators will have the option of filing electronically or manually.

- * Mandated electronic filing in ULS for frequency coordinators regardless of the service, and by volunteer examiner-coordinators (VECs) in the Amateur Service.

- * Specified that these mandatory electronic filing requirements will take effect on July 1, 1999, or six months after the use of ULS in the particular service, whichever is later.

- * Announced that after six months from the effective date of the rules adopted in this Report and Order, a transition period, applicants may not file letter requests

for purposes that are specifically provided for on ULS forms. This includes requests for extension of time, special temporary authority, License cancellation, and administrative changes such as changes of address.

- * Eliminated reinstatement procedures in wireless services that previously had them. ULS will be used to notify wireless licensees ninety days in advance of license expiration, but all licensees must file a timely renewal application on or prior to the expiration date of the license, regardless of whether they receive such notification.

- * Adopted requirements for the submission of Taxpayer Identification Numbers (TINs) in ULS consistent with the requirements of the Debt Collection improvement Act of 1996. The Commission stated that all TIN information would be kept confidential.

- * Adopted proposals made in WT Docket 96-188 to authorize reciprocal operation by foreign amateur radio licensees by rule, pursuant to recent international reciprocal operating agreements.

ORACLE AFFILIATES WITH NCI (Tnx ARN #1098, 9/10/98)

ORACLE (Organization Requesting Alternatives by Code-Less Examinations Incorporated) has announced its affiliation with the United States based society called No-Code International. The alliance is on the basis of each organization having the same main objective. That being to get rid of mandatory Morse code testing in amateur radio, and doing so worldwide

HUMAN EXPOSURE TO RADIO FREQUENCY ELECTROMAGNETIC FIELDS (Tnx ARN #1098 9/10/98)

Do people living near high-powered broadcast transmitters develop cancer at a higher rate than the rest of us? According one scientific report, cancer among residents of the Lookout Mountain area west of Denver Colorado was not higher statistically for the decade from 1985 to 1995 than would have been expected based on the ages and numbers of men and women who live there.

The Colorado Department of Public Health and Environment commissioned the report. Its statistical analysis can be found at:

http://www.state.co.us/gov_dir/cdphe_dir/release/061698.html

LEAGUE ASKS FCC TO HOLD THE LINE ON CONDUCTED EMISSIONS

ARRL Bulletin 73 On September 17 announced that ARRL has asked the FCC to hold the line on current conducted emission limits below 30 MHz from unlicensed consumer electronic and industrial, scientific, and medical devices operating under Parts 15 and 18 of the Commission's rules. Interfering devices include such

common household appliances as computers, TV sets, and microwave ovens. Conducted emissions result from RF voltages imposed on the a.c. power line, which can, in turn, act as an antenna. In general, the current conducted emission limit is 250 uV.

AAA SAYS LMCC "BACKING OFF" 70 CM REQUEST (ARN #1100, 9/18/98)

An official of the American Automobile Association says the Land Mobile Communications Council is backing away from its request that the FCC reallocate the 420 to 430 MHz and 440 to 450 MHz bands.

FCC DENIES CHECKPOINT SYSTEMS PETITION (see ARRL Ltr v17 #32, 8-14-98)

The FCC has turned down a bid by Checkpoint Systems, a maker of theft deterrent systems for stores, to raise the permissible radiated and power-line conducted emission levels of its products operating at HF. The Part 15 devices, known as electronic article surveillance or EAS systems, are located at store entrance and exit gates. The gates include a transmitter and receiver that can detect passive electronic tags attached to merchandise and trigger an alarm.

SPECTRUM BILL PICKS UP MORE SPONSORS (ARRL Ltr v17 #33 8-21-98)

During August, HR 3752, the Amateur Radio Spectrum Protection Act, picked up seven new cosponsors: Rep Frank R. Wolf, Virginia; Rep Linda Smith, Washington; Rep George Miller, California; Rep Max Sandlin, Texas; Rep Lynn Rivers, Michigan; Rep William Goodling, Pennsylvania; and Rep Anne Northup, Kentucky. This brings the total to 64, plus the original sponsor Rep Michael Bilirakis of Florida.

73

Amateur Radio Provides Communications Link to Sheriff

By: Woody Linwood WØUI

Southeast of Denver, Colorado's metro area are Douglas and Elbert Counties. Around dinnertime on Thursday August 28, 1998 the District 24 ARES call tree was activated to due an apparent telephone cable cut.

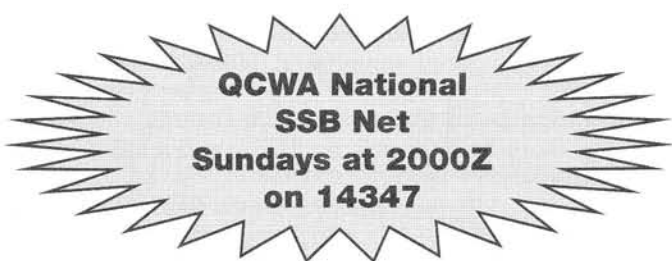
With the local Telephone Company in the midst of a labor work stoppage, there was some concern that repairs could be elongated. The real concerns, however, stemmed from the fact that Emergency 911 service was down throughout Elbert county. Persons attempting to reach the Sheriff Department via 911 received a fast (trunk) busy signal. Two other critical failures were soon noted. First, the secondary 911 backup system designed to automatically re-route 911 callers to the neighboring Douglas County Sheriff's dispatch center also failed. Additionally, Elbert residents were unable to call anyone outside the county. Although residents *could* call each other within the county and could even call dispatch (if they could have known to call the direct local number rather than 911), officials could not contact the Denver or Colorado Springs based ambulance helicopters. The whole county was pretty much isolated.

Early on in the crisis an attempt to call 911 failed after an eight-month old baby boy was discovered not breathing by his aunt. Being delayed by the fast busy and finally giving up, another family member (the boy's uncle) drove two blocks to the Elizabeth firehouse to summon help, then immediately returned to the house. Emergency Medical Technicians attempted to save the baby's life but the infant died. It was later determined that the infant died from Sudden Infant Death Syndrome (SIDS).

Amateur radio operations had begun by about 8 PM. A Yaesu FT-767 transceiver at the Elbert dispatch center at Kiowa provided direct link contact to amateurs at the Douglas County Dispatch facilities in Castle Rock. An area 2-meter repeater was made available for ARES use. When a directly dialed call arrived advising of a 62-year old female in respiratory distress, amateur operators were able to advise the Douglas County end to place a helicopter on alert. Later in the evening, fire struck in the heart of rural Kiowa when a building in the downtown area was reported fully involved. Once again, amateur communications offered the small fire department assurance that, if needed, additional water tankers and personnel could be summoned from neighboring Franktown.

As midnight approached, inter-county telecommunications services were restored and 911 was brought back up sometime after midnight Friday morning. It was later determined that a construction crew, performing heavy grading improvements along a roadway, had accidentally cut the fiber optic cable. Investigators continued their work to determine why the touted backup 911 system failed. Amateur communications provided a critical and dependable link when the government system failed.

It should be noted, as an aside, that this is one of the primary reasons why Colorado lawmakers allow amateurs to purchase call letter license plates for only \$2 over their standard registration. The plates allow law enforcement personnel easier identification of those who could potentially supplement crippled communications during times of outages.



Amateur Radio Satellite News



by Keith Pugh, W5IU, Vice President, Operations, AMSAT-NA,
3525 Winifred Dr., Ft. Worth, TX 76133

Questions and Answers about the Amateur Radio Satellite Service

INTRODUCTION -

In recent months I have changed the format of my talks at Radio Clubs and Hamfests to a Question and Answer format. The questions come from experience over the years giving talks, running nets, and operating AMSAT Booths at Hamfests. This issue will contain the substance of one of these talks. I call it: **Amateur Satellite Q&A.**

Here goes!

Q: What class of license do I need to work the Satellites?

A: The class of license required is determined by the uplink frequencies for the satellite. In the case of all but one of the current satellites, RS-12/13, the uplinks are in the VHF or UHF bands so only a Code Free Technician Class license is required. When operating in Mode K, RS-12/13 has uplinks on the 15 meter band. RS-12 requires an Extra or Advanced class to use the passband, while RS-13 would require an Advanced. The CW Robot on both "birds" could be used by a Novice or Technician Plus. Operations on both "birds" in Mode A could be performed by a Code Free Technician since the uplink is on VHF.

Q: What kind of equipment do I need to work the Satellites?

A: The equipment required is determined by the uplink and downlink frequencies and modes of transmission. It can range from HF through Microwaves and all modes (FM, SSB, CW, Packet, etc.). Operations on RS-12/13 can be done with only HF gear when they are operating in mode K (15 meters up and 10 meters down, SSB or CW). The Russian Space Station can be worked with VHF FM only in Voice or Packet. One of the most popular "Easy Birds" these days is AO-27. This "bird" requires only a VHF FM uplink and a UHF FM downlink. Both functions can be provided by a typical dual band HT. Our only remaining high altitude "bird," AO-10, requires UHF SSB or CW for uplink and VHF SSB or CW for downlink. Transmit and receive converters can be used with HF gear if you like or the functions can be provided with VHF and UHF multi mode transceivers. In most cases, two units, one for receive and one for transmit, are required. Modern multi-mode multi-band units are available to satisfy all requirements. For operation on the "digital birds" a suitable TNC and modem is required. AFSK, PSK, and FSK modulation methods at rates ranging from 1200 baud to 38.4 kilobaud are utilized currently with 9600 baud FSK being the most popular. Of course operation on the "digital birds" also requires a computer. The computer can be very helpful on the other "birds" as well.

Q: Is it expensive?

A: It can be, but you can start easy and work up. You probably already own basic satellite equipment and don't know it. I have worked RS-12/13 with nothing more than an Icom IC-735 and a dual band mobile antenna on the car. I have worked AO-27 with a Yaesu FT-530 and a long "Rubber Duck." On the other hand, I have an assortment of multi-mode VHF and UHF equipment complete with antennas, rotors, pre-amps, power-amps, transmit converters, and receive converters that allows me to operate on all of the current and some of the future satellites. I must confess to having some money tied up in this gear; however, not any more than the serious DX'er and it has been acquired a little bit at a time as it was needed for a new operation. Of course I have done some upgrading as new gear hits the market too. Like any other part of Ham Radio, if you can avoid buying everything new that comes out, many hours of operating enjoyment can be had for the operating expenses of a couple of light bulbs.

Q: How many Amateur Radio Satellites are there?

A: With the addition of SEDSAT-1 on 24 October, 1998, there are twenty on my list. Not all of these are fully operational. As a matter of fact, three are currently listed as in-active, but not crossed off of the list. The oldest on the list is AO-10, launched in June, 1983. This old "bird" still provides good DX on occasion but it is definitely "crippled." UO-11, launched in March 1984, still performs nearly all of its original capabilities. These "birds" represent several nationalities, orbit types, and all operating modes. These "birds" do come and go so keep up to date by reading AMSAT News Service Bulletins and other literature.

Q: Where can I work DX as a Code Free Tech?

A: Amateur Radio Satellites. As mentioned before, most of the satellites are available to the Code Free Tech. Many people have worked DXCC using SSB and CW on AO-10 and AO-13 using VHF and UHF. Of course you can also relay messages through the store-and-forward digital "birds" world wide at least two times a day per "bird."

Q: Can I use my HF gear for the "birds?"

A: Yes, RS-12/13 can be "worked" with nothing but an HF rig. Also, HF "separates" such as the Drake T4 and R4 series make excellent "IFs" for transmit and receive converters to cover all of the satellite bands. Ed Krome, K9EK, the author of "Mode S - The Book" takes pride in doing all of his operating on the microwaves with HF "IFs."

Q: What can I do with simple, small antennas?

A: AO-27 can be worked with a long "Rubber Duck" or, better yet, with a small, light dual band Yagi for two meters and seventy centimeters. The most popular antenna of this type is the ARROW antenna. It has three elements on two meters and seven elements on seventy centimeters. This small Yagi also does an excellent job on the digital "birds." As a matter of fact, good operations on the digital "birds" can be obtained with fixed omni-directional antennas such as J-Poles, Turnstiles, Lindenblads, Egg Beaters, and even quarter wave whips. With the coming of more microwave activity (on Phase 3D) small Helicals, Yagis, and Dishes will become very popular and practical. For example: a twelve turn Helix for L Band is about 24 inches long and a two foot dish for S Band will be very practical. Both of these antennas can be easily mounted on a camera tripod and rotated manually for access to Phase 3D.

Q: Do I have to be a "Rocket Scientist" to work the "birds?"

A: NO! Understanding the radio principals, orbital mechanics, and operating procedures to the levels required for satellite operations is well within the capabilities of the average Ham as long as an open mind is kept on the subject. Far too many Hams cross off satellite operations as "too difficult" without giving them a chance. Where is our "Pioneer Spirit" these days.

Q: Do I have to have a computer to work the "birds?"

A: No, but it sure helps. As a minimum, a computer, running appropriate satellite tracking software, tells you when your favorite "bird" will be in view and what direction to point antennas for access. For the "digital birds," the computer also handles the uploading and downloading of all message traffic. Properly interfaced to your antenna rotors, radios, and TNC, the computer can also completely "automate" your station if you so desire.

Q: When will Phase 3D be launched?

A: At the present time, we still do not have a confirmed launch opportunity. Negotiations are on going in all possible directions and with caution. Details of specific launch opportunities must be kept in confidence until a firm launch can be negotiated. Meanwhile, the "bird" is currently in a Temperature/Altitude Chamber at Orbital Sciences, in Germantown, MD, for thermal/vacuum testing. Upon completion of these tests, final preparations for Vibration testing will be performed before going to the "shake table." The timeline for completion of all testing extends into early 1999 unless a decision is reached to postpone vibration testing until firm selection a launch opportunity. If vibration testing is postponed, the satellite will be placed in storage at the completion of thermal/vacuum and retrieved at a later date for the test. Meanwhile, the current build/test crew will have dispersed. Program leadership remains optimistic that we will have a launch within a year. Keep your fingers crossed for the best Amateur Radio Satellite ever!

Q: Where can I find out more about the Satellites?

A: AMSAT Web Page: <http://www.amsat.org>
AMSAT Journal - Membership publication for AMSAT-NA
HF Nets: Tues., 2100 local, 3840 kHz - Sun., 1800 UTC, 14.282 MHz
Houston AMSAT Net: Tues., 2000 Central, Satellite, Real Audio, etc.
Publications: Satellite Handbook, and Various AMSAT Publications
Resource Guide: Download from AMSAT web page.
Elmers: AMSAT Area Coordinators in your area.
Periodicals: QST, CQ VHF, World Radio, 73, and QCWA Journal support columns
Meetings: Hamfests, Radio Clubs, AMSAT Symposiums and Workshops
AMSAT News Service Bulletins

Summary Continued on page 14



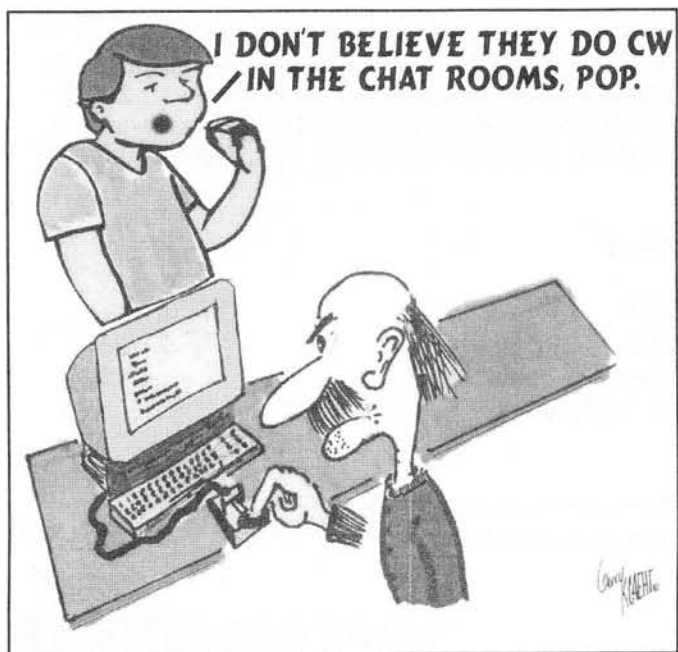
Editor's Corner

We meet again, folks. The end-of-the-year Journal covers it all. You've all heard of a Bird watt-meter but take a look at the bird antenna featured on page 1. Then take Al La Placa's diabolical quiz from

hell, guaranteed to torture your minds, and maybe win yourself a prize. The search for the origin of the Burlington ARC club call (W1KOO) continues. Read all about it and maybe you can provide a clue. Not satisfied with bird antennas, the Journal turned to Tony Hirsch for a discussion of Condo Dweller Antennas. As we do each year, we proudly display the pictures and profiles of the QCWA Scholarship Award winners. We even had the QCWA candid camera clicking pictures at the annual convention in Palm Desert California. Check 'em out on page 15. Finally, get yourself a box of kleenex to dab your tears of laughter, and DO NOT retain liquids in your mouth while you read WMST Radio by Tom Webb. It's absolutely hilarious.

I was fascinated and delighted at the interest generated by the story of Agent Leopard (Tony Mercader F3DM) in the last issue. I'm sure many of us have roots in clandestine operations by virtue of our knowledge of radios and morse code

I hope this information-packed issue will sooth your transition into the last year of this millennium. If I don't come down with a premature case of the Y2K bug, I'll see ya'll next year.



QCWA National Convention - GRRRREAT

By Don Doughty W6EEN - Convention Chairman

About 180 QCWAers, guests, wives and girlfriends came to Palm Desert, California for the 1998 National Convention. The convention started Friday morning and ran through Saturday evening. It included seminars on the use of computers in ham radio, practical antenna tips and what to look for in antenna advertising. The highlight of the event was a discussion of "Hams and the Search for Extraterrestrial Intelligence". A QCWA forum with the new President Gary Harrison KØBC presiding, gave us an insight into the changing focus of QCWA.

We were honored to have ARRL President Rod Stafford W6ROD conduct the ARRL Forum to a standing-room only crowd. He gave us his inside view of the changes underway at the FCC in license structure and the debate about code or no code.

The convention had a Special-Event Station on the air using the new "Kachina in the computer" radio and a hastily erected G5RV antenna on Embassy Suites Hotel roof.

On Friday evening a large contingent of over 110 conventioners descended on Mario's where singing while dining is the standard. It is one of my favorite places and by all indications, it met with the approval of everybody else. They had a great time.

Saturday afternoon, 110 hams visited the W6EEN Contest Station, had a light lunch and checked out the antennas and station.

The convention concluded with the Saturday banquet. Gary Harrison - QCWA President, Rod Stafford - ARRL President made a few remarks then Dave Bell W6AQ, noted film and TV producer, gave a sensational talk on "The King and I", a true story of his visit to Jordan in 1979 to film His Majesty King Hussein JY1, for a segment in the film, "The World of Amateur Radio".

The weather was a beautiful 75 to 85 degrees F and if you were not here in the California Low Desert for this event, you missed a great QCWA convention.

Satellite News - Continued from page 13

SUMMARY -

Satellite operation is not nearly as "tough" as it is perceived by some Hams. Keep an open mind and learn. The future of Amateur Radio depends upon utilizing our spectrum, especially microwave. Currently, the microwave band suffer from in-activity. Appropriate satellite microwave activity will help this situation. Read about it, attend meetings, check in to nets, but get active on the "birds." I'll see you there!

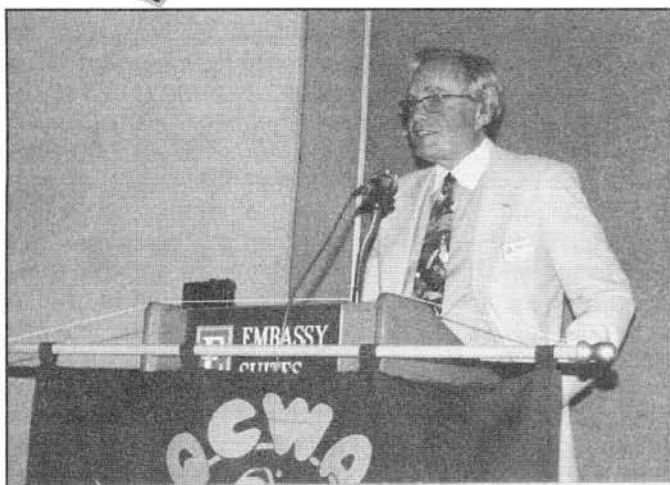
Keith Pugh, W5IU
AMSAT-NA
Vice President of Operations



Chairman Don Doughty W6EEN presents Leo Meyerson W0GFQ with an old-time bug that belonged to Sid Rose W9VKC (now a silent key) for display in the museum..



Candid Convention Camera



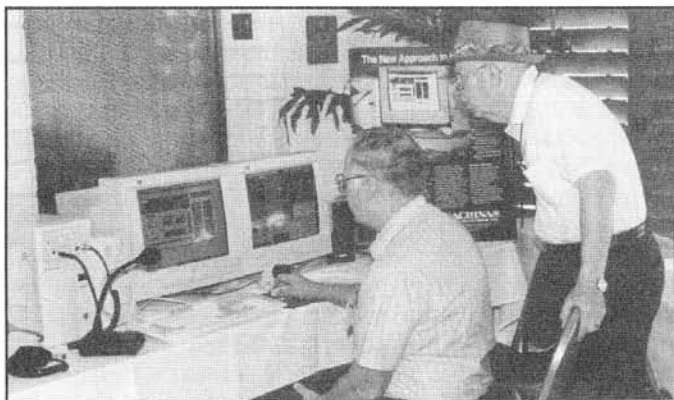
Dave Bell W6AQ tells of his trip to Jordan filming His Majesty King Hussein JYI, for a segment in "The World of Amateur Radio".



The four net controls for the QCWA Sunday Net on 14347 (2000UTC). Left to right: John Swafford W4HU, Herb Gleed W6FQ, Wes Randles W4COW and John McKinney W0AP.



Chapter 154 namesake Leo I. Meyerson and Pat Higgins chat during the Saturday banquet.



John Swafford W4HU, examines the Kachina used for W2MM Special-Event Station.



John McKinney Jr. W0AP is registered for the QCWA convention by Vee Versteeg, XYL of K6TLA (SK).



WMST RADIO

**A hilarious collection of anecdotes from a small-town radio station
by the former Chief Engineer/DJ**

By Thomas W. Webb W4YOK

(The following essay describes some of my experiences while working my way through school at the University of Kentucky as Chief Engineer and morning DJ for radio station WMST, a 500 watt daytime AM radio station in the small town of Mt. Sterling, Kentucky. The time period was 1964-1967.)

WMST had a man-on-the-street program where an announcer would walk around downtown and interview people he encountered on the street. I hated to do this program because the locals wouldn't talk to me, me being a flatlander from western Kentucky. Whenever I was forced to do it, usually in the summer when I was out of school, I would just walk around and describe the items being offered for sale in store windows. One day, however, two very old ladies came down the sidewalk toward me and looked like they might be amenable to conversation. I said "Good morning, ladies. What brings you downtown today?" One of the old gals grabbed the microphone and said "Been to the doctor. Can't pee. Had to have my water drawn." I said "Have a nice day, ladies." When I got back to the studio, everyone was rolling on the floor.

Our star announcer, Joe Anderson (not his real name), was doing another man-in-the-street program. He had the most beautiful, deep, resonant voice. But he was sort of dumb. He was continually being hired away by big time stations in Louisville or Lexington when one of their people would drive by our town on the interstate and hear him. But soon he would commit some horrible faux pas and return to WMST. Anyway, one day he was doing the show. I was running the control board back at the studio. Our remote amplifier (the device which allowed him to broadcast from the street) was a vacuum-tube affair that had to be plugged into a 120 volt outlet. I warned Joe repeatedly to keep this thing out of the rain to avoid electrocution. This day it started drizzling. He started getting a little tingle from the microphone. He said "Whoops, this thing is shocking me." I sensed that something interesting was about to happen, and put a tape on the studio tape recorder to record his death rattle, or whatever interesting thing he might say. He hung on for a while, but finally dropped the mike onto the sidewalk where it broke into several pieces. He said "Oh s..t, bring me the dick mike!" (This was our spare mike, a long slender one.) Unfortunately, the broken microphone continued to function and our listeners heard the profanities. We played the tape of this incident over and over in the studio. Finally Joe erased it.

Another day Joe was reading the news. He said, "Today the Federal Food and Drug Administration ordered the removal of Borden's Starlac from grocery store shelves because of possible contamination by a foreign OR-GASM." I was listening in my car and almost ran off the road.

In 1966 Kentucky was having a gubernatorial election. A man named John Y. Brown was a candidate. A

well-dressed elderly gentleman approached me one day while doing the man-on-the-street. He said, "I'd like to say a word about the upcoming election." I said, "Certainly, sir, go right ahead." He took the mike from my hand and said, "John Y. Brown is a gd son of a b...h." Then he repeated the statement, smiled and handed the mike back to me. I don't remember what I said.

The technology was available, even back then, to delay broadcasts for a few seconds. This would have allowed us to edit out such comments. But we felt like our listeners enjoyed the real-time programming, and in fact I think we encouraged such incidents.

Mt. Sterling is the county seat of Montgomery County, a very rich tobacco-producing county. Ninety-five percent of the residents were Democrats. During the 1964 (Goldwater/Johnson) Election, the Montgomery County Republicans bought time on our station to promote Goldwater. Nobody at the station (all county residents) would record the Goldwater spot. So it fell to me.

The head of the Democratic Party in the county, an ancient farmer, came into the station one day to record a spot for Johnson. I introduced him, and his message to the voters was this: "Do ye want eight cent a pound for ye terbacky? Then vote for Goldwater."

Every weekday morning at nine o'clock we had the local ministerial association on for a 30-minute devotional program. They took turns, Baptists for a week, Methodists for a week, Catholics for a week, etc. I remember the theme song was "A Mighty Fortress is Our God," apparently a non-controversial hymn acceptable to all religions. One Monday morning Joe Anderson was about to introduce the Methodist minister, a kindly old gentleman about 70 years old who always looked like he was about to go to sleep. Joe faded down the hymn and said "And now here's our speaker for this week, Reverend " He couldn't think of the man's name. So he just shrugged and turned on the studio mike. The reverend seemed quite shaken by this, and looked wide-awake for the first time. He proceeded with the devotional. The next day he came into the station with a huge poster tied around his middle. Just as Joe was about to introduce him, he unrolled the poster on which he had written his name with a crayon in large letters. This rattled Joe so badly, he still didn't get the man's name right. The man's name was Johnston, and Joe called him "Jonestown."

The Catholic priest never did his turn live; just brought in five tapes for us to play during his week. One week he left town and forgot to bring the tapes in. He telephoned and told us to crawl through the window into his study and retrieve the tapes. We sent Tony Warren, a high school boy who worked at the station, over to break into the Catholic Church. Sure enough, the police arrested him for breaking and entering.

Tony worked on Sundays. Late Sunday afternoons, toward sign-off the station played quiet music from 33 1/3 rpm records. One Sunday, Tony left the station to buy a pack of cigarettes and locked himself out. The "skreep, scrape" of the needle at the end of the record was heard for a couple of hours before somebody unlocked the door for Tony.

Tony dated this cute little girl about his age, eighteen or so. She hung around the station a lot and actually recorded some promos and commercials for us. My favorite was "I wake up with Tom Webb every morning," delivered in a very sultry voice for such a young lady. One morning in the wintertime I drove up to the station at 5:30 AM, as usual. She was sitting on the curb, crying. It seems that she and Tony had had a fight and he put her out of his car. She walked to the station, knowing we'd be opening up soon. When I opened the door to the radio station to let her in, I realized that she was quite drunk. I parked her on a chair and proceeded to clear the news wire, record the weather forecast from the weather bureau in Lexington, record some commercials, and warm up the transmitter. When I prepared to go on the air at 6:00 AM, I found her sitting in the control room chair stark naked. Believe it or not, I called her father who came and got her. He was not a happy man.

Every disc jockey I have ever known has a naked lady story to tell.

That time from 5:30 to 6:00 was pretty frantic. If there was equipment to fix from the previous day, I usually was late getting on the air. Time was so short, that when I recorded the weather forecast from Bluegrass Field in Lexington, I would just call them up on the telephone and start the tape recorder and tell the man to go ahead. There was no time to listen to the tape. I would just rewind it before the 6:30 newscast and pretend that it was a live broadcast from the US weather bureau. One morning I introduced the weatherman: "And now, from the US weather bureau in Lexington, here's today's weather forecast." I started the tape and the weatherman said "Good morning folks, here's your forecast for today." Then he paused and you could hear him drop his papers. Next thing we heard was "Oh s..t, I dropped my papers. Let's start over. Good morning folks

Another morning I came in to find that the Associated Press Teletype machine had typed upper case Qs, and nothing else, all night long. I had a sponsored newscast at six, and no copy. I went to the restaurant across the street and bought a Louisville Courier-Journal and thumbed around in the newspaper while reading a little of each story. My wife said she could hear me turning the pages.

For a while Joe Anderson and I worked the morning shift together. He would do the news and I would spin the records. One morning when we were both pretty groggy, I introduced him to do the six o'clock news. He sat in the studio, separated from my position in the control room by a large window. The "On the Air" light came on and he started talking. Only nothing was happening. His voice wasn't making it onto the air. I quickly checked all of the switches and faders on the board. All seemed in order. I then went to the patch panel and checked that out. Ev-

everything looked OK. We just looked at each other for a long time, with nothing but "dead air" being broadcast. Finally we realized that there was no microphone in the studio. The thing should have been hard to miss; it was a huge RCA 77DX mike on an eight-foot boom which rolled around on casters.

One morning as I drove up to the station, I realized that all the lights were on. Normally no one was there when I arrived. The station was full of high school kids who informed me that that day was 4-H day, and the 4-H club ran the station. All I had to do was run the control board; they would read the commercials, the news, and introduce the records. Fine with me, I thought, wondering why nobody ever told me about these things in advance.

A little girl was sitting opposite me in the studio, preparing to read a commercial for Conley's Kentucky Food Store. I nodded to her, turned on her mike, and she started to read: "Shop at Conley's Kentucky Food Store..." She broke into tears, threw the copy down, and ran out of the station. I felt very sorry for her. I'm sure she never lived that down. But I laughed for about five minutes. That poor kid.

We had a buy/sell show on in the mornings. Listeners would telephone in and we would put them on the air to peddle whatever they wished. This lady called every day and said "I got ed cheese on the shares." I had no idea what this was, so one day I explained that I was from western Kentucky and had never heard of "ed cheese" much less "on the shares". She explained: ed cheese, H E A D cheese. You take hog brains and mix them with milk and set them out in the sun for a few hours. On the shares means "You bring the ingredients and I'll do the work." I was sorry I asked.

WMST had preachers on the air Sunday morning. Some would come in and broadcast live, bringing their own congregations with them. One preacher brought in a box of rattlesnakes (Snake handling is still practiced in Appalachia.). Tony Warren ran out the back door to the police station and had this guy evicted. Some preachers, like the Catholic priest, would just bring in a tape for us to play, usually a reel-to-reel tape on a seven-inch reel. Our only playback machine was a full-track Ampex that played the entire width of the tape. One preacher recorded his sermon on a two-track machine. He would turn the tape over and put another sermon on the other track. When we played it back on the Ampex, we got this week's sermon forward and last week's sermon backwards. Talk about your devil worshippers playing records backwards; the counterpoint to the current sermon sounded like "Yeep, gerp, gorbil, frammis, gurp, etc." The old preacher was convinced that the "devil" was invading his sermon. He got so excited I thought he was going to have a stroke. Here, finally, was evidence of the existence of Lucifer! No amount of explaining could convince the old boy. We had to buy a two-track machine to play his tapes.

There are other stories from my two and a half years at WMST. Those are the highlights. Never have I enjoyed a job as much as that one. My subsequent years working as an electrical engineer in industry have been boring by comparison. But I just can't make it on eighty bucks a week now.



Chapter Reports are a very important part of the Journal and we would like to see regular reports from all chapters. If your chapter is not represented on these pages, please ask your secretary to file a special report for the Journal. Please send the reports to General Manager, Jim Walsh, to arrive no later than the following dates: July 1, October 1, January 1, and April 1.

Chapter 1, Cleveland

Cleveland Chapter #1 held its third quarterly membership meeting the 25th of July 1998. The meeting was held at the very nostalgic 100th Bomb Group Restaurant featuring a WW II decor and plenty of memorabilia. Sixty-five members and guests gathered for reminiscing and old war stories and enjoyed fine food and hospitality.

Our speaker for the meeting was Dr. Rick Fleeter. Dr. Fleeter founded and is CEO of the microsatellite and space Transportation Company; AeroAstro located in Herndon, VA. His presentation consisted off the background and inner workings of the satellite industry, with an emphasis on Amateur Radio satellites. It was a most interesting program and highly enjoyed by those in attendance. Dr. Fleeter holds the call sign WASVGK, and was given his start in ham radio by our own Jack Goldfarb, WSWGCB back in 1963. Rick currently holds a new Extra class license.

Special guests, Nate Firestone, W3SVJ, and friend Mary drove up from Pittsburgh to spend the day with Chapter #1. Nate is Secretary/Treasurer of Pittsburgh Chapter #6. It was great having Nate and Mary share their time with us at our meeting.

Also in attendance were honorary Chapter member, John Edel, KSLBZ and wife Janet. 'Big John', a QCWA International Director, spoke briefly to the membership concerning the ARRL's recent proposal to the FCC in regard to their license restructuring plan. We are always happy to see John and Janet.

The new club repeater has not been put on the air at this time due to some last minute problems that unfortunately almost always crop up in a project of this magnitude. Ray Wassum, WSSLZ and his associates are busily working out the logistics and we expect to have Cleveland Chapter #1 repeater, W8LYD up and running by the time you read this report.

The executive board members are presently planning for the Cleveland Hamfest to be held in September at the Berea Fairgrounds. We are looking forward to this event and have made an aggressive plan for a better presentation of the QCWA and the expectation of gaining new members.

Our next quarterly meeting will be the 17th of October and will be at our usual location; Dimitri's Restaurant located in Parma, OH. The October meeting is the last get-together of the year for the membership, and is devoted to a luncheon and the presentation of annual awards

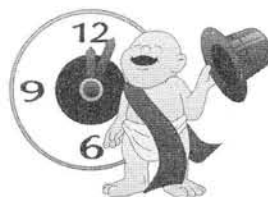
and certificates to honor our 'old timers' and those members who have distinguished themselves through dedication and service to the Chapter and amateur radio. We look forward to seeing each of you there!

Paul Poling NSCKG, Secretary

Chapter 5, Delaware Valley

The Delaware Chapter 5 held a meeting on September 19, 1998 at the Town & Country Restaurant in Bordentown, NJ. The meeting was called to order by Chairman George VanDyke, W3HK, at 12:00 noon. George gave the invocation and welcomed everyone to the meeting. Introductions of each one followed with each person giving his name and call if they had one. A number of the ladies present hold licenses. While the waitresses were taking the food orders, the minutes of the previous May 8th meeting were read by the secretary and approved. The treasurer, Marv Foral, W3QGC, was on vacation to France but he had given the treasurer's report to the secretary before leaving so the treasurer's report was read and approved. A new member, James D. Buck, K2QOE, was present with his wife Judy, and was introduced and welcomed into the Chapter. A nominating committee has been appointed with Fielding Waters, W3DIP, John Michel, K2JM, and Tony Rura, W2UDA as members, and a new slate of officers will be presented at the next meeting in early December for election for the coming two years.

The speaker for the luncheon was John Dilks, K2TQN, a member Of AWA, NJARC, SCARA, OOTC, ARRL-Life Member, and a Board Member of AWA. John is a collector of antique radio equipment and specializes in old ham radio items. He has purchased an old large van and has made it into a traveling museum and he travels around the east to hamfests and was also at the last Antique Wireless Association's convention up in Rochester, NY. He wants to give the younger radio hams and idea of what ham radio used to be like, and the older hams a chance to reminisce



DEADLINE
for Chapter
Reports
January 1, 1999

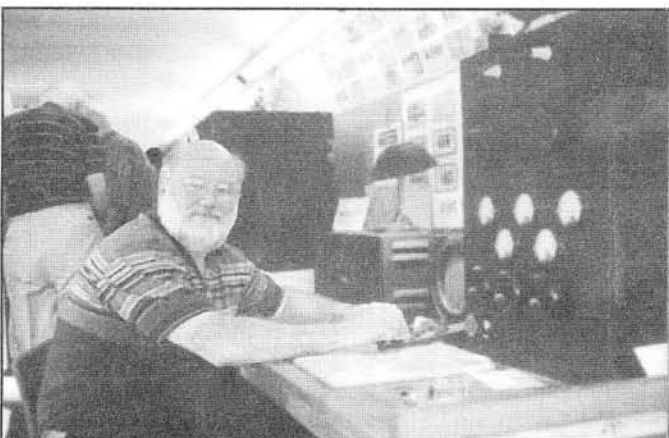


Some equipment on display in the John Dilks traveling museum.

about bygone days. Included in the traveling museum are an authentic 1933 ham radio station complete with logs and old QSL cards, and many pieces of much older equipment. Some go back to spark days. His theme of the museum is "Ham Radio before WWII". John spoke about how he got started in ham radio and the special help he got from his mentor, Bill Savell, W2LS. He also told about several pieces of equipment that are in the museum and how he came



Bob Buus W2OD (third from left) presents 75-year award to Bill Savell W2LS (second from left) with Steve Garcia KE2W on left and Jack Power W2AXU on right.



John Dilks K2TQN at 1933 vintage station inside his van museum.

about getting them and where they came from. Memories were brought back to a number of those present of equipment that they use to own and use during their early ham radio days. Everyone enjoyed John's talk and the meeting was adjourned so that all could go outside and visit the museum with John giving further information about the various items in the museum.

Members are reminded of the Chapter 5 Sunday morning net on 3917 kHz at 9:45 am with W2EEQ as net control. All are invited to check in. Also, Chapter 5 maintains a home page, courtesy of Doug Crompton, WA3DSP. The address is <http://www.resuba.com/qcwa5>. Check it out. The Chapter is always interested in new members, so chapter members should be on the lookout for someone that could be a member.

Don Field W2UAE - Secretary

Chapter 6, Pittsburgh

The informal premeeting starts with the usual socializing interrupted by a fine lunch. The Chapter 6 official meeting was called to order by Chairman Jack Parsons, K3OTY. A hands up roll call and ID showed 28 members, YL/XYLs, visitors and guests in attendance for the August 23rd meeting. Reports were given by K3QTY on the state of the chapter; by newsletter editor George, NS3O and by COOCOM representative, Art Kunst, W3WM.

Presentation of certificates by chapter secretary, Nate, W3SVJ, to Ed Gammeter W8CSU, for 50 years of amateur service and to Bill Guthrie, W3LDB, for a remarkable 65 years of amateur service.



Presentation of a 50-year certificate to Ed Gammeter W8CSU (l), 65-year certificate to Bill Guthrie W3LDB (c) by chapter president Jack Pearson K3OTY on right.

Jack, K3OTY, showed a video of the Dxpediton to 3YGPI, Peter 1st Island. The next meeting of Chapter 6 is scheduled for November 15 at Otto's Hafbrau Haus. The meeting was adjourned at 3 PM.

Nathan S. Firestone, W3SVJ, Secretary

Chapter 10, Michigan

The Chapter met for the annual picnic on August 12 at Kenwood Park in Cadillac, MI. It was perfect picnic weather and the food was plentiful and delicious. Eighteen members and guests enjoyed the time of fellowship and good eating.

The members who have been on the "not feeling so hot" list lately included Don, WBWOJ, Tom, K8BKF and

Chapter Reports

Marion, W8VWY. We hope that by the time this is published all will be back to feeling great.

Autumn is definitely in the air. Trees are getting their colors, although some trees have turned quite some time ago because of the very dry summer. We hope for more rain before winter sets in, but not as much as some areas of the country have gotten.

Word from AZ is that RJ, W8NBJ, has been on the move again. We hear he now has more room for antennas, a good move. With the SET due soon, many of the members will be very busy on the nets.

Our net continues to be well attended at 8AM EDT Sunday, but we are always looking for new checkins. You do not need to be a member of the Chapter to join, so come on in. We meet on 3.903 MHz + or - QRM. Conditions have been much better recently.

Beverley Stoner K8ZJU - Secretary.

Chapter 14, San Diego



Ronald K. Myers KS6B (l) received 50-year certificate and Willert McBride WB6GXR (r) received 65-year certificate.

Chapter 16, Arizona

29 members and guests were treated to a very interesting slide tour of Pitcairn Island during the August 1st luncheon meeting at the Mountain View Restaurant in Tucson. Ken Hopper, KD7KH gave an interesting talk on the history of the island and the day to day life of today's population. Pitcairn Island was discovered in 1767 by an English ship and named after the midshipman who first sighted it. 23 years later it became the home of the mutineers of the HMS Bounty. The 34 people on this 2 square mile island are direct descendants of Fletcher Christian and the eight men who remained with him on the Bounty. Ken has been in contact with Pitcairn Island since 1938 and still has weekly QSO's with VP6MW

Before the program, Harry Snyder, W7HC gave the invocation and lunch was served.

After lunch, President Ralph Barr, WODNO presented Bob Nelson, W9EXG with his 50 year service award. Bob was first licensed in Chicago in 1948 as W9EXG and has had the same call for 50 years. Bob worked at the Hallicrafters Company in Chicago during the 1950's and was directly involved in the development of the HT 33 Linear Amplifier. Congratulations Bob!

During a short business meeting President Ralph Barr, WODNO announced the nominations of officers for 1999 and 2000. They were read and approved. Since there were no nominations from the floor, it was moved that the slate be elected by acclamation. The slate is—President: Tom Worthy, W7YW, Vice-President: Harry Snyder, W7HC, and Secretary/Treasurer: Gerry Higgins, W7ES. They will be installed at the annual business meeting on October 24.

Prizes were drawn and the meeting was adjourned at 2:30 PM.

Gerry Higgins W7ES - Secretary/Treasurer

Chapter 18, Findlay OH

The Findlay Area QCWA Chapter met on Saturday, September 26, 1998 at 7:30 a.m. at the Woodland Restaurant, 317 South Main St., Findlay, OH 45840.

Those present included Jimmy Sorrells WA9ABB, Gleen "Dick" Corbin W8IYC, Dick Davies (VP) K8IVP Joe Brown WBSMSJ, Bob Copus K8OIL, George Flinchbaugh WA8HDX, Paul Chapin W8KII and Jay Edel (President) WN8HHJ.

Topics discussed during the meeting included the proposed simplified Amateur Radio licensing structure, the format of future Chapter #18 meetings, recent visits with members of Chapter #142 and membership recruitment. The membership recruitment discussion included submitting an ad for every issue of the Findlay Radio Club's newsletter, reserving a larger room for the breakfast meetings, and delaying the time by 1 1/2 hours so QCWA members from neighboring cities can participate. President Edel encouraged all members to talk up QCWA and to bring a friend to the next meeting.

Loren Willaims W8KIL, Betty Williams and Jay Edel WN8HHJ attended Chapter 142's "picnic in the Park" in August. All three enjoyed the fellowship and Chapter 142's hospitality. On September 12, WN8HHJ attended Chapter 142's regular meeting with National Director John Edel, K8LBZ and Janet Edel (XYL of K8LBZ).

Chapter #18 also sponsored a QCWA "Sign-In" during the 57th Annual Findlay Hamfest on Sunday, September 13, 1998. Approximately 30 QCWA members from other chapters in Ohio, Indiana, Pennsylvania and Michigan signed the guest list and "chewed the rag" with John Edel, K8LBZ and Jay Edel, WN8HHJ.

The next meeting will be held in a larger room at the Woodland Restaurant at 9:00 a.m. on Saturday, December 12, 1998. All area QCWA members are encouraged to attend.

Jay E. Edel

Chapter 21, Canton

The regular quarterly meeting of QCWA, Canton, Ohio Chapter 21 was held on August 15, 1998, following the noon luncheon at Mrs. Yoder's Kitchen Restaurant in Mount Hope, Ohio, with 28 members and guests present.

Mount Hope is in the heart of the Amish country of Wayne and Holmes Counties. Our speaker, Ed Hampsher, a Mennonite member, described the customs of the Amish and the difference between them and the Mennonites — very little, except the Amish do not have automobiles or electricity. The Amish are happy and proud people with

inner strength. They live as they did 100 years ago. The children memorize the parables in school. The area is the lifelong home of Mr. Hampsher. He was a teacher and school administrator. In retirement he is a tour guide locally.

Ed Gammeter W8CSU told of his visit to the COOCOM meeting. The Cleveland Chapter is working on putting a repeater into operation.

National director John Edel K8LBZ is planning to go to the national convention October 9-11, 1998, in Palm Desert, California. He discussed the proposed license restructuring in which there would be four license classes, A, B, C, D, with changes in code requirements as well as other revisions.

Director Edel then presented the 50 years continuous operating certificates to members Ed Gammeter W8CSU and Myron Kiefaber W8BML.



John Edel K8LBZ (l) Director presents 50-year certificates to Ed Gammeter W8CSU (c) and Myron Kiefaber W8BML (r).

Our DX traveler, Mel Vye WSMV, described his and Martha's trip to France recently where he had great success. He could not get a license for Andorra, but was able to operate two days from Monaco where he made 700 QSOs. Later he returned to St. Pierre and Miquelon Islands and contacted 3000 stations in four days. He was able to work many parts of the world on 17 meters.

Door prizes were awarded. Visits with former members and shut-ins were reported. The next meeting will feature elections of officers.

David Glass W8UKQ - Secretary

Chapter 28, Central New York

Chapter 28, Central New York, held its Fall luncheon meeting at the Rusty Nail Restaurant in Cortland, NY. 16 members and guests attended it. Good food and company were enjoyed by all.

The meeting was called to order by President Bill Valky K2MFB. Framed Gold Certificates were presented to WB2JSP Art Haver (70 years) and W2RVK Jim O'Bryan (50 years). The following members were not present, but will be presented with their Gold Certificates at a later date: 65 years: W2IEG Al Battison, W2HJS, Francis Gorgos. 60 years: W2PWN Al Decker, K2CJ Thomas

George, W7GUN Thomas Ichikawa. 55 years: W2UBT Curtis Hartman, W2UBU Leroy Hartman, 50 years: W2SFW Ted Korznye

Western New York ARRL Section Manager William Thompson, W2MTA requested and received comments from the hams present pertaining to the ARRL Amateur Radio licensing proposal.

Our friend, Vice President and alternate Net control Sam Horwitz W3HOR will move and make his home in Florida this fall. We wish him well in his new home - his presence will be missed by the area's radio community and his many friends. GOOD LUCK, Sam and Betty!

On October 9, 1998, there will be a Marconi Wireless Tower Historical Marker Dedication. This is to commemorate the construction of an antenna system in Binghamton by Marconi in 1913. Tentative plans call for Chapter 28 to set up a station to operate on 75 meters, using the call W2MTA, in a railroad caboose. We hope arrangements can be made for the mayor of Binghamton to talk via amateur radio with the mayor of Scranton, where a twin installation of the 1913 Binghamton site was established. The following paragraphs contain a brief description of the installation. Additional information of interest to radio and railroad buffs is available on the internet.

The term "radio" was coined in 1912 in the United States, because wireless transmissions radiated in all directions. In early 1913, Marconi wanted to try expanding the use of radio to include vehicles that moved on land as well as water. He chose David Sarnoff to oversee the construction of two tower sites located in Binghamton, NY, and Scranton, PA. These towers, finished in early November, 1913, would be used to transmit telegraphic signals to moving trains along the Lackawanna Railroad system in the northeast. The first experiment took place on November 25, 1913.

Each installation consisted of two towers linked together with 4 aerial wires. Radiotelegraph equipment was placed within the railroad stations and comprised of a 2KW 500 cycle multiple-gap spark transmitter operating at a wavelength of about 1,600 meters, made by the Marconi Company. The main tower remains today at the Binghamton location. The second Binghamton tower was removed many years ago.

Merle Rigby K2AOV - Secretary/Treasurer

Chapter 41, Dallas

A recent monthly luncheon meeting of the Chapter had to be moved to a different location on short notice due to a power failure. Fortunately, the restaurant was able to facilitate our group at another of its facilities. Members were in mutual agreement that it was the most excitement that they had experienced in some time (and probably as much as they could handle.)

Vat Erwin, W5PUT, who is charged with keeping the Chapter informed of the content and quality of flea market merchandise in North Texas, reports an optimistic upturn in that pre-war items have largely been replaced by genuine WWII items bearing the coveted "JANAP" des-

Chapter Reports

ignation. Newly elected President Jerrel Jones, W5TUU, has appointed Hall Bond, K5ZSB, Director of Chapter Protocol, a demanding position during the dazzling Dallas winter social season. Bob Olney, N5NT, and XYL Aggie, had a delightful transatlantic crossing on the elegant 5.5. NORWAY from Barcelona, Spain to Miami, and to Florida commemorating their 45th Wedding Anniversary. Frank Wolk, N5FW, continues to work a lot of DX defying poor band conditions. Ken Norvell, W5KN, and XXI Ann, recently returned from a European vacation that took them into "the workers' paradise" portion of Eastern Europe where the workers are beginning to discover the 20th century. Ken reports that it was a readily forgettable experience. K5HAT, Russell Stevens, although visually impaired, works an extraordinary amount of DX from a modest station and has his DXCC certificate as proof. Ernie Burch, W5CAE, checks into the Chapter's Sunday morning QCWA net with a consistently good signal against which all others have long been measured. Lacy Goostree, W5LMG, enjoys an outstanding attendance record at Chapter meetings and is an enjoyable tablemate. (Attendance is up following a resolution banning food fights at the insistence of President Jones whom some regarded as a bit of spoilsport.) John King, K5CDV, and family divide their time between Dallas and their future retirement home in Alpine, Texas in the "Big Ben Country."

John works for the City of Dallas and has long kept its radio gear in good operating condition. Barney Moffatt, W5CJZ, and George Aidredge, K.F5K.B, have long been associated with North Texas Taping & Radio for the Blind as volunteer technicians and have been recognized for their faithful performance. Pete and Lyn Ohlson, W5LVM and W5RYX, continue to broaden their extensive knowledge of the world of cruising by first hand experience.

Bob Olney, N5NT

Chapter 45, Citrus

It is with regret that we report the passing of John A. Norhart, KB4TAG. John became a silent Key on August 23, 1998 after a short illness. He was born in Elizabeth, NJ September 16, 1905 and was first licensed in 1921, a holder of a 75-year plaque.

Before retiring to Florida in 1968 John was an attorney in New Jersey and served as Municipal Judge, as President of the Somerset County (NJ) Bar Association and the Somerset County Mental Health Association. Joining QCWA in February of 1987 he served several terms as Treasurer of the Citrus Chapter. He is survived by XYL Mary Helen. A donation to the Memorial Fund will be sent to QCWA in his name.

The Chapter has found a meeting place at the Golden Corral Buffet on State Route 434 just south of the junction with State Route 436. Finding a home for our meetings that provides sufficient room has not been easy, but the Corral seems to fill the bill. The Chapter meets at noon on the third Saturday of each month. Any hams in the area are invited to join us and get acquainted. The Buffet provides good food at a reasonable price. The members will supply the fellowship. No one needs to leave the meeting hungry for food or friendship.

The chapter is exploring the possibility of providing the Amateur Radio Newsline for the hams in the Orlando area. This would be a weekly half-hour program, on the Chapter repeater, of news directly affecting the ham fraternity. The material can be picked up from the Internet or from a phone line connection. We hope to be able to work out the technical details and make a trial run by the first part of October.

The Chapter repeater operates on 147.195 MHz and is an open repeater. The Chapter weekly net is on Tuesdays at 1930 hours, local time. Any visiting ham in the area is invited to join us.

Paul A. Turner, W1DLP, Secretary

Chapter 53, Suncoast

The snowbirds are returning and Chapter 53 activities are in full swing. All Florida activities are in full swing. All Florida West Coast Amateurs are invited to attend Suncoast Chapter activities at 11:30 hours on the 1st Thursday of each month in Sarasota.



Doug Leach, VE3XK (l), Chapter 53 member, is shown above executing summer activities. He is shown here presenting a 45-year pin to Jim Dean, VE3JQ. Jim is Vice President, Governmental Affairs, of the Radio Amateurs of Canada (RAC).

Meetings are held in the East conference room at Denny's Restaurant. Several interesting presentations are planned.

Take Exit 38 (Bee Ridge Road) off I75 and go about 3 miles west to Denny's on the north side.

C.U. Soon

Frank Schwab W8OK - President

**QCWA NATIONAL CW
NET WEDNESDAYS AT
2000E ON 7035**



Chapter 63, Central Oklahoma



A group of members from Chapter 63 pose with their banner and the recruiting ribbon in front of the aircraft for the Governor of Oklahoma. L to r: John K5CPB, Jay W5QVS, Norm W5FLO, Ernie K5YKD, Brad AC5CQ, and Gene K5DLE who works on the governor's plane.



L to r: Gary Harrison K0BC presents a recruiting certificate to Gene Nailon K5DLE for his activity in the year 1997.



Gene Nailon K5DLE (left) receives a special jacket from Gene Hawkins KA5CNT for exceptional recruiting activity.

Chapter 64, El Paso TX

At our regular monthly meeting in February, we honored Past National Director Milly Wise, W5OVH, by presenting her with a Fifty-Year QCWA Operating Certificate. Milly helped organize the El Paso Chapter twenty-five years ago. She served as the first secretary—treasurer and continued in that office for 7 years. Later she also served as a director and president. She is one of three charter members still active in our group.



Milly Wise, W5OVH, charter member and past National Director, receiving the Meritorious Service award from chapter president, Jean Carlson.

Life membership certificates were presented to Jack Scheiderer, AB5CP and Judy Scheiderer, WB5HGL.

We regret to report that Dick Martin, KSLUG became a silent key on March 13, 1998. Dick and Mary Louise were active members in the chapter for many years and Dick will be missed by his many friends. Our sympathy goes out to his family.

Bob Smith, K5VRF, was appointed to fill the unexpired term of Dick Martin.

Officers and directors met following the March meeting to start planning for our 25th Anniversary Celebration which will be held on Saturday evening, August 29, 1996, at The Big Fisherman Restaurant, El Paso. Details will follow.



Charter member, Walter Liggett, W5BFN, received his 65th Anniversary Award from chapter secretary, Manny Gonzalez.

Chapter Reports



Milly Wise W5OVH was presented her 50-year operating certificate by Chapter 64 President Jean Carlson KØZRD



1998 Chapter 64 Officers. Earl Wood WA5YRP, Director; John Dunsmore W5DTP, VP; Jean Carlson KØZRD, President; Manny Gonzalez W2BFN, Secretary/Treasurer; Jack Scheiderer AB5CP, Director. Directors Wm. Raue K4KKO and Dick Martin K5LUG not in photo.

Tex, W5BQU and Juanita Burdick gave a most interesting report on their recent safari to Kenya and Tanzania and Africa at the March meeting. They had exciting drives through the jungles and near encounters with some of the wild animals.

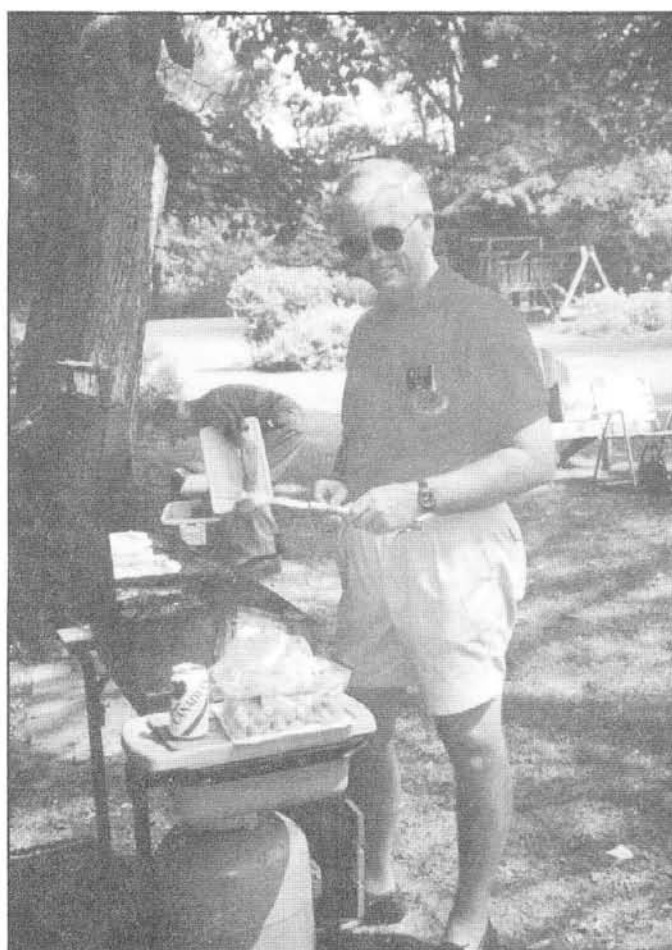
Jean Carison, KØZRD

Chapter 65, Niagara Frontier

Welcome to new members: John Zach K2VOZ - a Radio newscaster and heads up the Buffalo Society of Broadcast Pioneers who collect and display broadcast memorabilia; Larry M. Rybacki WA2ARA, whose earlier call was WB7CFW, is employed with the US Border Patrol and Immigration. Our President Robert Rooney W2AET sponsored these new members.

The August Chapter 65 picnic was enjoyable and with plenty of good food. Hosts were Dan N2DC and Rita Clark at their rural estate near East Aurora.

Last winter Dan and Rita Clark made a trip to Thailand through Elderhostel. Interesting visits were made to "WATS" (temples).



Dan Clark N2DC of Chapter 65.

Last September our President Bob Rooney made a visit to Ireland (EI).

George Guinther WB2QCK has acquired 25 years as a radio amateur. Congrats

At the Buffalo Hamfest, Larry WA2ARA and Ken K2FJ manned a QCWA Chapter 65 booth. Many signed in, and a couple joiners made the exhibit worthwhile.

Ken K2FJ entered the September QCWA QSO Party using the Club call W2SD. Participation was quite low.

Remember our Chapter 65 radio net on 3900 kHz at 1330 local time every Sunday. Tom W2QI is NCS using the club call W2SD.

Chapter luncheons on the 2nd Saturday each month at Flying Tigers 12 noon are being well attended. Come join us. Bob W2CHB travels the farthest- Franklinville

Ken Palmer K2FJ/ZB2G, Secretary

Chapter 67, (Armadillo), Austin, TX

Since the last issue (fall, 1998) of the Journal we have had a significant change in the URL of our chapter website, which is now either <http://www.main.aas/qcwa> or <http://www.repeater.org/events>. We are finally up and running. Sorry for the tentative and eventually erroneous URL which appeared in the fall '98 chapter reports.

We have had three rather eventful hot (but air-conditioned) summer months, meeting on the 3rd Saturday of each month at Luby's Cafeteria on West N Loop Blvd. at

11:30 a.m. for lunch and 12:00 p.m. for the general business and program meeting itself.

A very highly regarded member of Chapter 67, Horace Fohu (W5HBT), became a silent key on July 2, 1998. He was 87 years old and in ill health the last couple of years of his life. However, he remained active on the ham bands, and was a regular in the 3,933.2 kHz group of which Hal (W5MDI our President), has been a participant for years. According to Hal, 'Horace always added a bright dimension to the existing conversation each tune he checked in'

We have two new members, Lew Thompson (W5IFQ), who in July gave a terrific program on underwater communicating (Lew is also a professional diver), and Larry Gunther (WB5BEK), who rejoined after an absence. George L. John, formerly W5TXP (which he had 35 years), is now KB5EPM, a callsign to get back on the air.

We had our third quarterly Board of Directors Meeting on August 29, and discussed quite a few issues. We met at 7 a.m. for breakfast Waterloo Ice House on Burnet Road, and had the Board meeting at 8 am. One immediate question was how to increase attendance at our chapter meetings. There are approximately 500 eligible amateurs in the areas that aren't currently members. It was thought that if we alternated business and program meetings with activity/social meetings, our attendance would increase, it was noted after an informal survey that most of the chapters that have high rates of attendance meet every other month or even quarterly. So, starting this month (October), we are planning to meet for general business and program meetings on odd-numbered months, and for activity/social meetings on even-numbered months. We are planning a "gala Christmas affair" in December (an even-numbered month, of course), tentatively to be organized by Duke Campbell, K5GDIL. In October, we are planning a social gathering/barbecue/potluck at the QTH of an as-of-yet-unspecified member.

We also decided to form a "Hospitality Committee" to check up on hams/members who have become ill or incapacitated and therefore can't attend the meetings - and also to follow up on visitors who come to our meetings. One other function would be to plan parties, picnics, etc., and to make sure visitors are welcomed appropriately, and of course sign the sign-in sheet. Earl Debord, W5PPQ, volunteered to chair this committee. Earl recently went to his 65th high school class reunion in North Iowa along with his XYL Frances, and to a Debord family reunion, shortly after that.

We 'lucked out' and found between the August and September meetings an old briefcase at a member's QTH. In it were some valuable historical documents, including photos relating to our chapter and other valuable old information, also regarding charter members. Roy Miller, W5FOL, who is our chapter Historian, couldn't have been more pleased that this briefcase turned up.

President Hal Henegar (W5MDL) and his XYL Lois, went through a great deal of moil and toil (Hal is 75 years old) moving from his 2-story QTH of nearly 31 years to a single-level, more convenient one. According to Hal, "The horror of one or the other of us tripping and falling down those stairs and ending up in the rest home, was not acceptable." This move required a great deal of effort and running back and forth and almost did old Hal in. Some good ham friends,

however, showed up at Hal's former QTH on July 25th to help him take down his old TA33Sr tri-band, 40-foot Rohn tower, and two telephone poles. The 'engineer' of this project was Robert Morgan (WB5AOH), who also climbed the tower a week earlier and sprayed all nuts and bolts with WD-40, which made them easily come off a week later. Those handling ground level support, muscle and effort were David Lysek, Alvin Devane (WB5HZQ), Smokey Wiley (K5RDJ), Herb Nolen (WB5LXD) and of course Hal. The tower and tri-band (beam) had been erected November 1, 1975.

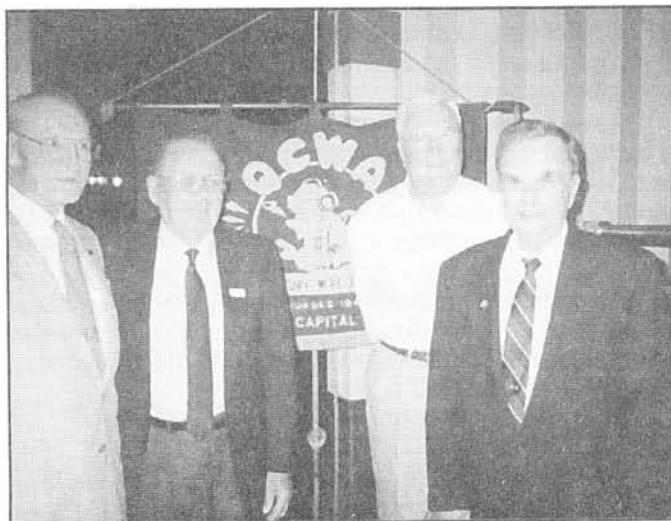
After our August general business meeting, we had a very engaging presentation by local Brittney Albracht regarding the upcoming Youth Fair at the Travis County Livestock Show and Rodeo, which is scheduled to take place during Spring Break (March 12-21) of 1999. A ham radio booth is being planned, and several of our members expressed interest in maiming it. About 200,000 people visit the fair annually during its 10-day period, and it has been growing by about 25% each year. Spring Break was decided this year to be an ideal period of time to have the fair.

For our September meeting, we had a presentation by the ARRL South Texas Section Sect. Manager E. Ray Taylor, N5NAV, who was there with his XYL, Alice, K5NAV.. His very interesting presentation regarded information which the FCC is considering surrounding the new rule changes being proposed that will affect U.S. and Territories ham radio operators. After his presentation, Ray was presented with a handsome certificate, as are all our presenters who take the time and effort to prepare the interesting things we hear, see and read about at our meetings.

Andrew Goewey KA5SNA - Secretary

Chapter 70, National Capital

Added together, the number of years of licensed Amateur Radio Operators in our club would indeed come to quite a sum! Recently, QCWA pins indicating the years



Recipients of 60 year pins: (L to r) Bob Hanna VE3EJR, Eli Desson VE3PI, Ted Turner VE3JGQ, and Ed Morgan VE3GX.

Chapter Reports

involved, were presented to many members. For 25 years, Ed Sieb VA3ES received his pin; for 30 years James Rowland VE3GHR; for 45 Jim Dean VE3IQ, John Hay VE3HPW, Ken Holt VE3VC; for 50 years Don Bower VE3BEF, Ernie Brown VA3OEB, Ed Fuchs VE3XTU, Ken Perrins VE3DWR, Jack Tennant VE3AHZ, Carl Everson VE3BYX, Ray Wilson VE3WI; for 60 Eli Desson VE3PI, Bob Hanna VE3EJR, Ed Morgan VE3GX, Ted Turner VE3JGQ; for 65 years Doc Plummer VE3MA.



Recipients of 50 year pins: (L to r) Jack Tennant VE3AHZ, Ray Wilson VE3WI, Don Bower VE3BEF, Ed Fuchs VE3XTU, Ernie Brown VA3OEB, Ken Perrins VE3DWR, and Carl Everson VE3BYX.

A new Radio Amateurs of Canada Operating Manual is now available thanks to the compiling and editing of Doug Leach VE3XK, with contributions by Claire Fowler VE3NPC, Bill Wilson VE3NR and Graham Ide VE3BYT, among others.

Amateur Radio was very prominent in the operations following the tragic Swissair disaster, providing liaison between the Military, Salvation Army, Red Cross, Police and Fire services. Joe MacPherson VE1CH (formerly VE3CAT of Ottawa and a good friend of Chapter 70 members) coordinated the operations. Joe is the Nova Scotia communications coordinator for the Red Cross.

A two week stay in Geneva by Ken Pulfer VE3PU as a technical representative on preparations for World Radio Conference 2000, and attendance at an IARU Region 2 Triennial meeting in Venezuela by Jim Dean VE3IQ, should prove beneficial to the Amateur Radio community.

An update of happenings in Chapter 70 can be found on our web page. If ever you are in our vicinity, meet us at breakfast on Thursday mornings - 9:30 at the Embassy West Motor Hotel Restaurant, Ottawa!

Joan Powell VE3ZC - Secretary/Treasurer



Actual Newspaper Headline
**Hospitals are sued by
7 foot doctors**

Chapter 77, Northern New Jersey

QCWA NNJ Chapter 77 held its annual July Picnic in the park. A sparse but hearty turnout included N2XJ,



L to r: W2KHL Fred, N2XJ Carl (back row), Florence SYL W2KHL, N2KWF Mac (back row), Vera XYL N2KWP, Ruby XYL N2KJ, Gene AG2R (back row), Marietta XYL AG2R, Margaret XYL W2EIIY, W2CIY Walt.

W2CIY, N2KWF W2KHL and AG2R. We were especially happy to have in attendance wives Ruby, Margaret, Vera, Florence and Marietta respectively. A reminder that Chapter 77 meets on the third Wednesday of every even month, 12:00 noon at Mario's Restaurant, Clifton, NJ. We are planning to have a guest speaker at each luncheon.

Gene Filippini AG2R - Secretary/Treasurer

Chapter 81, Long Island

We have had a relatively quiet summer and hold no meetings between the June and October meetings. The Chapter had a good turnout for a luncheon and a special outing to the Vanderbilt Planetarium in Northport. It was a beautiful day and we had time to have a good gabfest with old friends.

One of our long time members, W2IXX, passed on and will be missed, as he was a regular at meetings and on the nets. He was one of the award recipients pictured in the Spring Journal.

I'm late in writing this and there is much preparation in work around Long Island for the Hudson Division Convention that will have passed by the time you read this. We are all looking forward to a bunch of good meetings during the fall and winter seasons.

Carroll Hamlet W2QBR - Secretary

Chapter 91, Vic Clark

Chapter 91 has been busy recently! Here is a rundown of our activities:

W4QCW Net

Our Sunday morning net continues to be very popular with members and non-members. NCs are Al Wheeler (WB4JJJ), Dick Rucker (KM4ML), Jack Kelleher (W4ZC), Jim Wilcox (W3WV), and Gordon Messmer (W4IQA). As others gain courage, this list will grow.

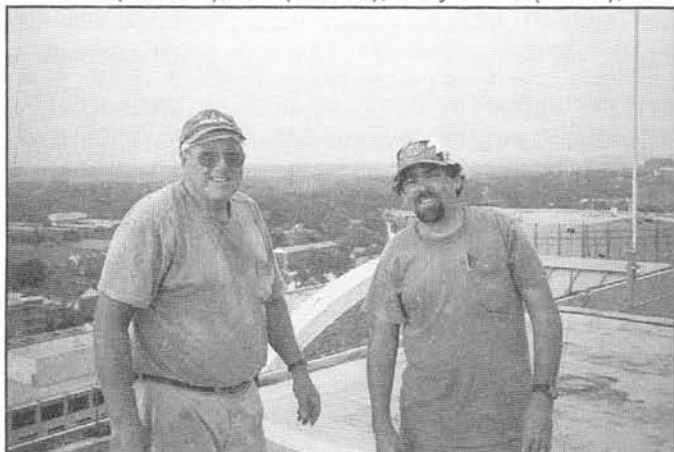
W3HQG Antenna Project

Irv Hershowitz (W3HQG) lives in an assisted-living unit run by the Marriott Corporation. When Irv moved

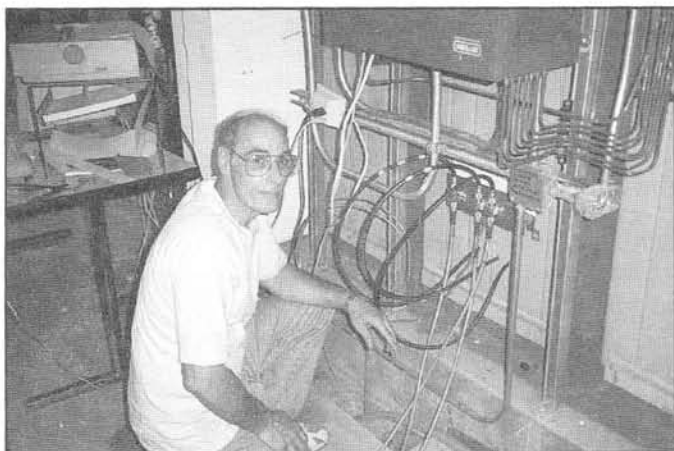
there, Terry Hines (N4ZH) put a 2m J-Pole in Irv's fourth-floor window so he could check into the W4QCW net. This station was barely adequate, considering that many tall buildings surround Irv.

Irv talked with Marriott management about installing an antenna on the roof (217 feet AGL—the second tallest building in Arlington) and the idea was met with enthusiasm! Management and engineering were unbelievably cooperative! Marriott really cares for the well being of its residents and does know how to say, "Yes!—How can we help?!"

Dick (KM4ML), Jim (W3WV), Terry Hines (N4ZH), and



Wayne Thomas and Greg Ketterman, professional installers from Norm Jeweler's (W3NRS) U.S. Tower Services, on the roof of the Marriott Jefferson at sunset after a long day.



Volunteer Al Cammarata (W3AWU) has just connected the coax coming up from Irv's room on the 4th floor with the Polyphaser lightning protectors mounted on the copper plate. The left-most protector is for the discone, the middle protector is for the HF antenna, and the right protector is for the 2m/70cm vertical.

Jack (W4ZC), performed site surveys, negotiated, consulted, and recommended. Irv hired Norm's Rotor Service (Norm Jeweler (W3NRS); a.k.a. U.S. Tower Services) to do the actual installation; Dick (KM4ML) and Al Cammarata (W3AWU) assisted.

Irv now has antennas for HF (W9INN 80 through 10), 2m/70cm (Diamond), and a Diamond discone scanner antenna (25MHz through light, or something like that). Many

thanks to all those—particularly to the Marriott engineering staff—who helped with this.

Field Day

Lew Bradley (W4SWP), Al (W3AWU), Al (WB4JJJ), Jim (W3WV), Jay Jackson (W4VG), Jack (W4ZC), and Terry (N4ZH), put up antennas, set up a generator, and made a fair number of contacts.

Three stations were set up during the daylight hours. Al and Al operated QRP on 40 meter CW; Jay operated mixed modes on 2, 20, and 15 meters; and Terry, Lew, and Jim operated CW and SSB on 80/75 Meters. The Al-squared QRP operation had excellent results: Their 2.5 watts and \$3.95 inverted-V yielded 111 contacts and 28 sections in the relatively few hours they were active!

Everyone had a good time, and we all learned some things to enhance our portable/field operating skills. We look forward to next year's FD exercise.

Annual Picnic

We had our annual picnic on one of those incredibly wonderful Washington DC July days we had this year. The picnic generally was potluck (WOW! Some excellent food!). Terry provided the hamburgers, hotdogs, and buns, and was a fine chef. There was so much good food that everyone got to take a few helpings of some favorite dish that another brought.

Best of all, of course, was the company: We really had a delightful time. We wish you all could have been there to enjoy the fine fellowship and food.

September Meeting

Thirteen members and four guests attended. President Terry (N4ZH), was on travel, and Secretary/Treasurer Dick (KM4ML), chaired the meeting.

The program was a discussion of the chapter's participation in Field Day. Al (WB4JJJ), gave a humorous recap of this year's outing. He showed off several items he has either built or procured, with being better prepared for next year's Field Day as his goal.

Wayne Cooper (AG4R), displayed a home-built one-meter-diameter loop antenna, similar to the portable one he exhibited at the May meeting. It uses a 45kv vacuum capacitor and is capable of handling one kilowatt.

Nelson Seese (W4BHD) showed a home-built J-pole antenna he made from aluminum clothesline wire. Nelson used much ingenuity in designing this antenna, which can be built in only a few minutes, is very inexpensive, and is quite flexible and adaptable.

Lew (W4SWP), told a humorous story from this Field Day. This led to other stories being told by Lew and others. The story-telling session was a highlight of the meeting! This is such a delightful characteristic of our chapter.

Milt Snyder (W4AWL), brought a station-wagon load(!) of electronic parts and test and lab equipment dating from the 1920s to the 1950s. Alfred A. Blanco, a former ham, gave this to him. Al and his wife now live in a nursing home and Al had to get rid of his collection. There was no Ham gear, but lab equipment from GR, Hickock, Gonset, Smallcross, Eico, and others; some antique telegraph keys; four boxes of tubes; various radio receivers; and many boxes of small parts and miscellaneous ephemera. What an auction!

AR 73 DE W3WV

Chapter Reports

Chapter 95, Eastern New York

Snow season is upon us. I recall back in September my QCWA buddy reminding me to winterize the antenna system. Little did he know that weeks before I had removed tree branches that were impinging on the antenna. How about you? This winter we will all be on the air a lot and won't want to go outside in the depths of snow to work on antennas. Our extra luncheons were a success, you recall we hold extra luncheons for those members that can't get to the usual luncheon spot! Do you have a separate shack? I like the station in the living room near the fireplace.

What a discovery I have found and will share with you! Those substitute fireplace logs sold in department stores last about 2-3 hours. Just right for my radio activities in the evening. I get home from work, eat, read the mail, and then presto.... One match lights the logs and I operate for several hours in front of the burning log. Very relaxing. The family often joins me in the living room for their computer and TV activities. Can you picture it? The family gathered together and me on the radio. No need to complain that ham radio takes me away from the family!! Our chapter has never had a Christmas dinner. Can any of you suggest a special Christmas activity for our usual luncheon? Year-end thanks go to WB1M, WB2RWT, W2CJO, NR2J, WA2QCY, K2SMA, KC2AVM, K2YGF, WB2FQL and all the others who participated in chapter activities this year.

KJ2T

Chapter 109, Baton Rouge

Chapter 109 held its 20th anniversary celebration today at Don's Seafood and Steak House. We had a nice turn out but were disappointed because El W5MD, our President was ill and could not attend. He had put his heart into this meeting.

We started out with introduction of officers, followed by a standup introduction of members and guests. Sadly, only one out of 6 new members; WB5GKY Bill, was present.

Warren K5DVQ, Chapter Sec. had gone through the national records to pick out all of our older members with more than 50 years as licensed Amateurs. We secured certificates in increments of 5 years for each one who had not previously received those certificates They were as follows.

65 Years W5DPM, Wes; 60 Years K5xa Robbie, W5HEZ, Jack W5HGP, Jim; 55 years NSAXV, Sam, W5QY, Joe; 50 years W5LVX, George, W5OVV, Al.

Our Member of the Year Recipient was ACBIA, (Doc) Mack.

Special Service Award recipient was W5URR, Bill Goforth, for his many years as Net Control Station.

While we were placing our orders for lunch, Wayne K5EOA, V.P. proceeded with the fun game of a drawing for the door prizes. Warren and Ms. Willa Perry passed out the tickets for the drawing. There were many prizes, and we had a good time.

There were 43 members and their guests present.

J. Warren Aubin K5DVQ - Sec/Treas.

Chapter 112, Yankee

April 25th was the Yankee Chapter Annual meeting held at Dewey's Restaurant in Lakeville. We had 31 members and guests in attendance. Since this was an annual meeting, election of officers for the coming year was held. Elected were: President, Ernie Bosselman, W1DO; Vice-President, Fred Ravens, K1QLG; Secretary/Treasurer, Chuck Walbridge, K1IGD; Activity Director, Chet Tammany, K1LII; Net Control, Al Fruzzetti, K1JJJ; and Sunshine Fund Administrator, Joe Santangelo, N1JS. Awards for years of service as an radio amateur were presented. Receiving awards at the meeting were: sixty years to: Henry McDade, W1LMU and William Burke, W1LDG; sixty five years to Wes Randles, W4COW. Also receiving awards, but not in attendance, were: fifty year awards to: Len Hart, W1RGX; Walter Woodward, W1RCJ, and William Query, K2EAX; and sixty five years to William Bowman, W1HQW. Hearty congratulations to all these members for their years of participation in amateur radio.



Accepting awards (l to r) are: Wes Randles, W4COW (65 years); William Burke, W1LDG (60 years); Harry McDade, W1LMU (60 years).

Other action was approval to send a contribution to the scholarship fund in memory of the chapter SKs: George Rulffs, AA4GR; Michael Mosbacher, K1DUG and Gladys Chase, W1VPF.

Being no further business, the meeting was adjourned at 2:30 PM.

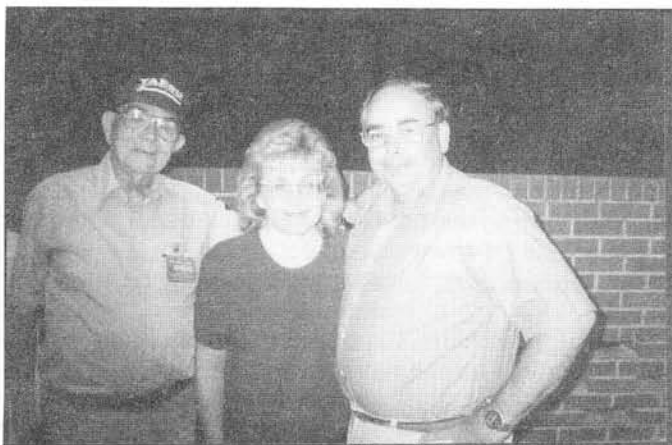
Chuck Walbridge K1IGD - Secretary

THE JOURNAL IS AVAILABLE FREE TO
BLIND PAID-UP MEMBERS ON AUDIO
CASSETTE TAPE. FOR MORE
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Amherst, MA 01002 PH: (413) 256-
0179; and (OCT. 1-MAY 1) 6002 N.
Fremont, Tampa, FL 33604
PH: (813) 870-0867.

Chapter 119, Hampton

We nominated "Nap" Perry, W4DZH, for the Meritorious Service Award at that event in recognition of his recently becoming the head of a three-generation ham family. Our secretary, K4IX, for which I wish to thank you on behalf of all members of Chapter 119, recently received the Certificate.

In the photograph, that is Nap on the left, with his daughter-in-law, Trish, in the center, and his son, Richard, on the right. Richard recently received his call, KF4WPC, while Nap's grandson, Chris, received, KF4WPD.



"Nap" Perry W4DZH with daughter-in-law Trish (c) and son Richard on the right.

I hear that Trish is planning to also get a ticket, so it will be an all ham family. Richard is an airline pilot and he and his XYL are both accomplished musicians. Richard looks forward to a carefree life of DX after retirement and is working on assembling an effective station with the help of "The Old Man".

Chapter 119 President, Charlie Chapman, will be turning out a newsletter in the near future to announce our meeting at the Virginia Beach Hamfest in September where the award will be presented to Nap. I will be out of the country participating in the annual reunion of my Korean War bomb squadron. I may get a chance to operate while in South Korea and China and will write an article on the trip if everything turns out as planned.

Jim Wise W4PRO - Secretary/Treasurer

Chapter 122, Lake Erie Tri-State

A luncheon/meeting was held on August 15th at Hoss' Steak and Sea House in Erie, Pa. A short meeting followed the luncheon to vote on expenses to be used for the purchase of door prizes; incentives were also proposed to entice prospects to join QCWA.

In a third encore appearance, Matt Shields of Penn State University spoke on the topic of Radon, a presentation of the PELLRAD program. Radon is a radioactive gas that is found naturally in soils under our homes. Human senses cannot detect radon but a simple inexpensive test can. Both the federal Environmental Protection Agency and the Pennsylvania Department of Environmental Protection. (sic)

Matt stated that Pennsylvania had the highest level of radon of any of the states and that the areas around

Bloomsburg and Pottsville, in Pennsylvania have the highest concentration of radiation.

Recommendations were suggested for homes that were detected with high levels of radiation. Since most radiation of radon is detected in structures underground, basements should be inspected for floor cracks, cracks in walls and concrete blocks with a separation in mortar joints. Obviously the reason for concern is the health hazard associated with high levels of radon.

Following a Q&A period, members were treated to souvenir six inch rulers, red and blue ink ball point pens, and thin plastic refrigerator magnets; all items with a Radon test message accompanied by number, 1-800-23RADON.

Sid Stacey W3NMJ, Treasurer, accepted dues. President, Paul Gerbracht W3QPP, awarded door prizes approved as incentives in recruiting new members and assurance in retaining current members. The first prize was a chapter dues refund to a member (regular or life) plus a QCWA decal to be awarded at the first meeting. The award was received by life member Hank Schultz W3IU, who donated the sum to dues for Subscriber, Don Otto, WD8OCV, who won the non-member \$5 voucher toward a paid QCWA membership - transferable and awarded at all meetings. Also, any new QCWA member will receive first year chapter dues paid at no cost to the chapter treasury. Julia Wilkinson, wife of Director Ivan, W3RMF, won an xyl/yl \$5 refund, awarded at every meeting, once per guest. Shirley Otto, N8BSM, won the non-member (QCWA) \$1 refund and donated it to the chapter treasury. Shirley is xyl of Don, WD8OCV. Battery packs donated by Director Hank, WI3U were won by Joe Yusz, W3KKT, D size; Don Otto, a pack of AA batteries and John Squire, K3UCP, a nine volt size. Andy Washy, K2ISN, and xyl, Laurie were out of town chapter members and Ed Shunk, W7JTN, of Tucson, AZ and North East, PA, a QCWA prospect, was guest of friend and neighbor Bernie Alcorn, WA3EZR. Director, Dick Quiggle and xyl, Lois were seated next to Matt Shields at the head table.

More innovations are proposed as recruiting incentives and will be described in the winter issue of L.E.T.S. TALK when the first 1999 meeting will be announced.

G. Paul Gerbracht, W3QPP - President

Chapter 130, Inland Empire

The chapter had its Summer Outing at March Air force Base in Riverside, California with a good turnout, as our membership is from a large area. The weather was hot but Hap Arnold Officers Club was cool adding to the pleasure of a wonderful dinner, both Ladies and Men had a great time.

We invite all to join in the friendly fellowship and fun on the Air. You will find us at:

Tuesday 1930 hr. pdt. 2 meter 147.330 up 600 PI 131.8

Wednesday 1930 hr. pdt. 160 meter 1.896 MHz

Friday 1600 hr. pdt. 75 meter 3.862 MHz

Saturday 0800 hr. pdt 75 meter 3.862 MHz

Tune up the rig and check in. We are waiting to hear your Call Sign and about you. See you at net time on the air.

Perry Westrope WA6LLB - Secretary

Chapter Reports

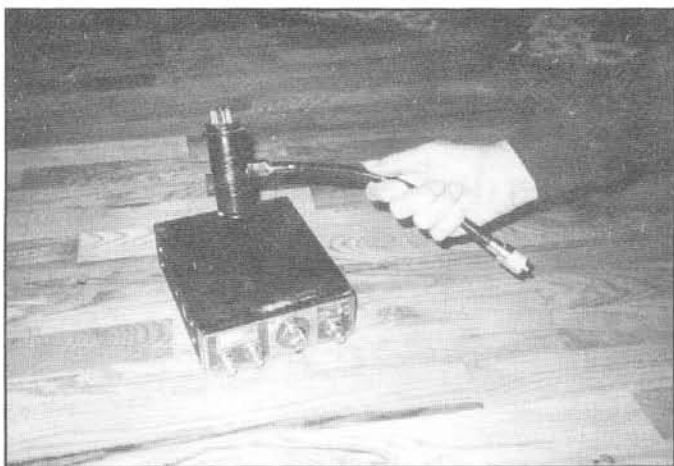
Chapter 142, Northwest Ohio



Members and guests at the Chapter 142 Annual Breakfast Picnic on August 22. Host Dave Walker W8FKI again made the Schnipke Park facilities in Michigan available for the event.

Chapter 143, North Colorado

It was a busy summer for QCWA Chapter 143 in North Colorado. Bob Jackson, WB8NPZ, as newly-inducted chapter president, used for the first time, the chapter's new symbol of supreme authority, named (by Bob) the Paukenschlager — approximate translation from German: drum beater. From now on, presidents can get immediate attention (even from eyeballing hams) by striking a poor old CB radio with his mighty gavel, consisting of a nostalgic 6L6 with a handle of RG-8 coax taped to it at right angles to form a hammer-like weapon. (See the accompanying photograph.) Who said chapter presidents don't have special privileges!



The new gavel for Chapter 143 named "Paukenschlager" which means Drum Beater. It's a metal 6L6 attached to a short piece of coax for the handle. It's pounded on an old CB rig to bring the meeting to order.

Following tradition, the chapter's annual picnic was held at Fort Collins' City Park. Not so traditional were the day's activities.

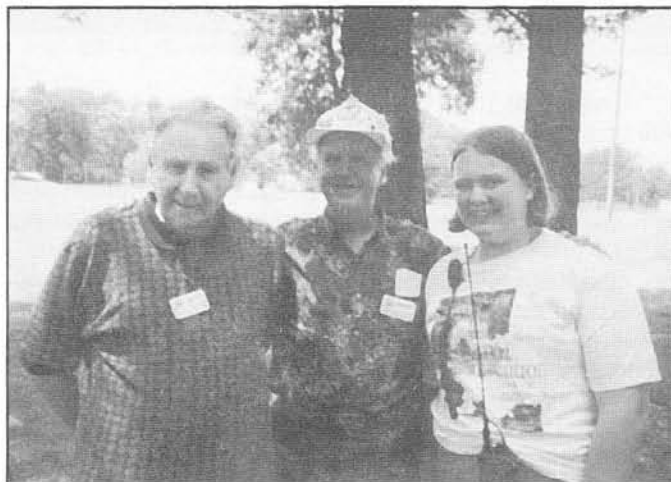
As suggested in a recent QCWA, Inc. publication, the chapter adopted a new membership category: Associate

Member. This classification is offered to good friends of QCWA and Chapter 143 who haven't accumulated the necessary qualifications for full membership. AMs can't vote or hold office, but they receive chapter newsletters and are welcome at all chapter functions. Oh yes, they are "allowed" (required!) to pay the chapter's annual \$4 dues. Immediately upon announcement of the new AM category, four applications were received — more on this later.

We also welcomed two new full members, Minor (K7YJ) and Judy (WZ7S) Cross. These folks were QCWA members elsewhere. Their loss is our gain. Welcome!

Thanks to Clyde Glass, NØCG, a silent auction of ham gear was held for items donated by members. It was discovered that "mature" amateurs often have everything they want or need, so some items went unclaimed. Left over were things like a mint SBE-33 mobile/base side-band transceiver, two-meter rigs (not new and shiny, but operable), and several kinds of test equipment and antenna systems. The unsold items have been stored for the chapter's next flea market encounter.

As shown in an accompanying photograph, one of the chapter's new Associate Members was 13-year-old Crystal Hart, KIØNR. Crystal has already risen to Advanced status and she has passed her 20-wpm code requirement for Extra! She's a delightful young lady, and



L to r: Al Richards NØFNN, Bob Jackson WB8NPZ, Chapter President and their newest associate Crystal Hart KIØNR.

represents the kind of people who are a credit to ham radio.

Other new AMs included Ed Mistler, KGØAZ, an established chapter supporter; Loren Ludwig, KGØHM, and Mike Martinez, KFØCB, also good friends of the chapter; and Dave Cain, KB7WDD, a newcomer to the group. Welcome AMs.

After "inventing" the AM category we discovered that we were by no means the first chapter to adopt such a program. AM status is not offered as a substitute for full membership — just to folks who would be full members of both national and the chapter if they had the necessary experience qualifications.

Ham spirit a thing of the past? NO WAY! Chapter life

member Lys Carey, KØPGM, enlisted the help of Dave Baysinger, WGØN, to help physically-challenged life member, Bill Allen, WAØOYI, get up a suitable antenna for checking into the chapter's weekly (Sunday mornings at 8:30 MT, 145.115-) two-meter nets. A day of strenuous effort went into the generous assist, using a ginpole borrowed from Denver Radio Club, to erect the Allens' previously idle tower and beam. Thanks to their effort, Bill and Betsy, NØEPH, are now regular check-ins from their 70-mile away QTH in Lakewood, Colorado.

Next chapter activity is the beat-the-Xmas-rush Christmas banquet, presently scheduled for Dec. 5th in Greeley, Colorado.

Jim Fahnestock, WØOA, Sec'y/Treas.

Chapter 145, Smoky Mountain

Chapter 145 has been brought to life by our president, Carl Smith, N4AA after being dormant for many years. It was a great pleasure to honor our senior member, Bill Hayes, with a 50-year pin. Bill, W4AFM, is seen receiving his pin in the photo from Carl. Mrs. Hayes, "Jo" nods approvingly in the background. Bill was licensed in



Bill Hayes, W4AFM, is seen receiving his 50-year pin from Carl Smith. Mrs. Hayes, "Jo" nods approvingly in the background.

the 20's, and became one of the top CW operators in the country, and also had the call W2GZA for many years. (N4AA also publishes the DX magazine.)

Other new officers are Henry Westmoreland, WB4RPG, Vice President, and John Travis, W4QCF, Secretary-Treasurer. Located in Asheville, North Carolina near the Great Smoky Mountains, the members, about 25, are currently very interested in establishing a radio museum and station in the Asheville area Hendersonville members are also interested.

The area is a natural for the projects as it is visited by thousands of tourists and children annually. The members are really excited about the prospect of making that visit especially worthwhile to young adults with a live introduction to ham radio and the heritage of radio history from those who lived it. Some equipment donations have been received with appreciation; more will follow as the word gets around!

Chapter 146, Twin State



Chapter 146, Nutmeg held a picnic at the Otter Brook State Park near Keene NH in July hosted by the Twin Cities Chapter, fpr a;; the Mew Emg;amd cjafters/ Show left to right are Nutmeg chapter members and wives: "Gabby" Hayes WIIUN (wife Inga not in photo), Harold Chase WIEES, Howard Corey W1CL, Bob Kenney N1LC, Cal Bennett W1KHL, Elsie (xyl of N1LC, Walt Yatsook SIATV, xyl of W1ATV, Sandy (xyl of K1FPP, Jim Kyle KC1SD, Bill Kenefick AD1I, Ethel (xyl of KC1SD.

Chapter 148, Hernando

It is with deep regret and sorrow that I announce the death of our vice-president, Winfred Knowlton K1BUM. Win died a few minutes before midnight, August 21, the day after his 92nd birthday. He was born and schooled in southern Vermont, moved to Pittsfield, MA in 1930 where he worked as business office manager for Western HA Electric Co. and Northern Utilities. He retired in 1971 and shortly afterwards moved to Spring Hill, Florida. He was an active 'ham' for much of his adult life and on the air until the last year of his life. He was active in the affairs of the Spring Hill Amateur Radio Club, the Hernando County Amateur Radio Club, the Berkshire (HA) Amateur Radio Club, as well as serving as President, Vice President, Trustee and served on several of the committees of our chapter of QCWA. He is survived by his wife, Mildred, KD4PGW, a daughter, Nancy; two grandchildren, a brother, four step-children, 10 step grand-children, 13 step-great grandchildren. His funeral was in Pittsfield, MA and a memorial service was held in Spring Hill, Sept. 12. He will be missed.

Usual meeting, Thursday, September 17th at the Pier. Some of our members are already back from the North Country and I expect a fair crowd to be on hand for the meeting.

Ed W1OOR

**The town was so dull that
when the tide went out, it refused
to come back.**

-Fred Allen

Chapter Reports

Chapter 149, Nutmeg

Forty-five members and guests attended Nutmeg Chapter 149 quarterly luncheon meeting Saturday Aug. 8 at the Manor Inn in Milldale CT. Activities Manager Cal Bennett W1KHL announced Nutmeg's next meeting will be on the second Saturday in November at Rapp's restaurant in Ansonia. Jim Culley, K1LBE reported that Ron Tidmarsh K1UUU will be laid up for 8-10 weeks from a back injury.

W1FXQ reported that Ed Cushing W1SHW became a silent key on August 5.. Blanche Randles W4GXZ reported that our Nutmeg President Harold Chase W1EES has been elected to the National QCWA Board.

Harold Chase then reported that the National Board had rejected associate membership. Chapter 149 voted "Yes" to host the New England Chapter's Picnic in Keene, NH in July 1999.

The luncheon's guest speaker was Patty Day of CRIS, a free volunteer service for the blind., which supplies equipment for the blind to hear news read from local newspapers on the subcarriers of cooperating local FM stations. CRIS is an acronym for Connecticut Radio Information Service and asks for volunteers and donations to carry on its work. Bob Chapman W1QV has turned 91 was given a Happy Birthday Serenade by the Chapter.

Our Chapter VP Tom Evans W1JC, who manufactures the W1JC Antennas, invited all to use his call sign lookup link at <http://pages.prodigy.com/w1jc>. Gene Dombrowik W1QJL was congratulated on 2 sons having just become hams. Gene now has an all-ham family.

Door prize winners were W1FAJ, W1GVT, W1RQF, W1JIO and the guest speaker. The meeting ended at 2:53 PM.

Phil D'Agostino W1KSC is home recuperating from a sojourn to the hospital. Walt Yatsook, W1ATV, has created an original very eye-catching brochure for recruiting new QCWA members. Walt will mail a copy to any chapter for use as a model (send SASE).

Nutmeg's Newsletter Editor Charles Griffen, W1GYR reports having a great time at the Antique Wireless Association's conclave in Rochester NY.

Alexander "Al" Cohen W1FXQ - Assistant to the Activities Manager

Chapter 168, Oregon Trail

Over 30 people attended a wonderful Barbecue dinner on Sunday, July 19th hosted by Chapter President, K7CLL, Ken and his lovely XYL, Eleanore, KC7LQM. Ken barbecued spareribs and chicken for the event. Eleanore made certain everything was organized and set up the serving line. Deserts and salads were furnished pot luck by those attending. There was more than enough ribs and chicken and Ken invited the guests to take some home.

Not all those present were Members or spouses. Ken and other members invited several prospective members. Two folks were signed up for QCWA and Chapter membership, one new Chapter member was signed and one renewal was paid. Additionally, a couple of folks took applications to be returned later.

The Quartz Rock Mountain Band furnished entertainment. (QRM Band for short.) This is an all Ham band with



K7CLL Ken BBQing Ribs.

a range of instruments including guitars, a dobros, a violin and harmonicas. It has been discussed that this group may be available for certain other Amateur Radio functions. For more specific information contact K7CLL, attention "QRM for hire."

I hope many of you participated in the September QSO Party held on September 19th. This is an excellent way to let the rest of the Ham Community know about the existence of QCWA.

Ray K7IU

Chapter 181, Hudson Valley

The Chapter held a luncheon meeting on July 25, 1998. Attending the Port Chester Coach Diner, were 24 members and guests. In addition, the annual picnic for which the Chapter serves as host was held on August 8.

At the luncheon meeting, a provocative talk was presented by Al Goldberg, K1JWX, who had been Associate Director, Television Research at the former CBS Technology Center. The talk was entitled, "Television For Better or Worse". Al described some of the key technical developments which, over the years, have led to the new digital, wide-screen, format being introduced this year. He noted that this current improvement is a further step in providing a system that will allow comfortable viewing of large pictures at a very small viewing distance. It is interesting to note that the first efforts to improve the technology took place in Japan, where the small size of rooms in dwellings made the defects in the original TV standards very evident as picture tube sizes increased. The ultimate, which we will soon see, will be a large, flat screen hung on the wall like a framed picture. As to what this elegant hardware will do for the rather sad level of program software quality — Al was unable to forecast!

An interesting story on how he became a ham was given by member Verle Johnson, Jr., W2VJ. Verle followed the lead of his dad, who was a ham, and in fact was tested and passed for his Novice ticket by his dad. While his father lived, they communicated frequently and Verle has carried it on from there.

The August 8 picnic was held at the Pepsi Corporation Headquarters in Purchase, NY. A wonderfully landscaped 168 acres includes a shaded picnic area and many world class modern art sculptures. The majority of our chapter members, who chose not to attend, missed a most



Chapter 181 members and guests pose near an Alexander Calder stabile at the August 8th picnic at Pepsi. Photo courtesy of NJ2J.

relaxing and enjoyable outing enjoyed by the 12 members and guests who were present.

At the luncheon meeting, Harry Moore, W2J0S, conducted a prize drawing in entertaining style, after which the meeting was adjourned.

Dick O'Brien, NJ2J, Secretary

Chapter 195, Sun City Center

The meeting of the Sun City Center Chapter, #195 of QCWA met at Maggie's Restaurant, on September 17, 1998. The meeting was called to order by Alan Pickering, KJ9N, President at 11:45 AM. Alan led the Pledge of Allegiance, and the Invocation. He thanked the 14 hams and 4 guests who attended, and asked each to introduce themselves. The meeting was recessed for lunch.

The meeting reconvened at 12:25 PM. The Secretary's report was accepted as printed in the Newsletter.

Our new QCWA chapter 195 banner was displayed for the first time.

President, Alan made a stand for it from plans given to him by George Guler, W0OIR.

The Treasurer reported a balance of \$355.02. The report was accepted as read.

Announcements: The QCWA National convention will be October 9—11, in Palm Desert, California. Chapter 154 will host it.

The 'E.T.A.R.A.' Egypt Temple Amateur Radio Association will host a hamfest and Computer show in the Unit

Building, 4050 Shores Drive, Tampa, FL. 33622, on October 10—11, 1998.

The Tampa Hamfest will be 11/23-24, 1998, and the Big Brown Bird Picnic hosted by the Pelican Chapter will be on 11/18/98.

The Bay Area QCWA Net meets each Saturday on 145.29 at 9:30AM.

Lorraine Witkowski WA1EDR - Secretary

Chapter 203, Gilbert L. Crossley

This is the first report from the new Gilbert L. Crossley QCWA chapter No.203. This chapter was formed to serve the hams of the central region of Pennsylvania. It was brought to life largely by the efforts of Keith Adams, WA3RBK who brought up the idea, helped some of us join the QCWA and did most of the legwork needed to get the chapter started. We thank Keith for his efforts. As a reward for his work we made Keith president. The other officers are, Andy Ketner, N3OGT as Vice-president, John Passaneau, WB8EIJ as Secretary/treasurer, Chuck McMullin, K3CM and Joe Meyash, W3WIV are directors.

We had our first annual meeting this September 23rd at the Hoss's restaurant in State College Pa. There were 18 hams and guests in attendance. In the business meeting we approved the By-laws for the chapter, decided the second Wednesday of the month at 8pm on the State College, W3YA repeater as the time for a local QCWA net. And set the date for our next meeting as the fourth Wednesday of January, 1999. The place of that meeting will be announced at a later time.

The chapter was named in honor of Gilbert L. Crossley, an important figure in ham radio with very strong local ties. Gilbert Crossley was first licensed in 1915, with the call 8YA then W8YA and finally W3YA. His son Ed Crossley, W3SMF who was the special guest at our meeting told us that he was active in radio before licensing. Gilbert Crossley received his extra class license in 1954. He joined the ARRL in 1923 and became a Charter Life Member. In 1928 he was elected as First Section Communication manager for Western Pa. For 8 years he held appointment under former Director Brad Marin W8QV as assistant director. Mr. Crossley became Director of the Atlantic Division in 1954 and served in that capacity until 1970. He served as Vice President of the ARRL from 1966 to 1968 and served on the executive committee during that time. The Atlantic division represented the largest ARRL division. He was on the ballot 8 times from 1953 on. He had 15 opponents in all and tallied 18652 votes to 14208 for all the other candidates combined. Gilbert Crossley was known for his tenacity and travel. As Director he stuck with good ideas, introducing them repeatedly at Board meetings until adopted. As for travel in 1967 alone he attended 42 hamfests, dinners or club meeting logging 9552 miles.

Mr. Crossley has been, an official relay station, official phone station and official bulletin station. He was radio officer for Centre County, where this chapter is located, and Deputy Radio Officer for the State of Pennsylvania Civil Defense. He served as Public Relation Officer for the U.S. Civil Defense Amateur Radio Alliance. He was also Assistant State Director of Army MARS. He was

Chapter Reports

elected Honorary Vice President of the ARRL in 1970. He was a member of the Nittany amateur Radio Club that was founded in 1956 with the club call of K3HKK. After his death in 1971 the FCC assigned his call W3YA to a second station of the Nittany Amateur Radio Club.

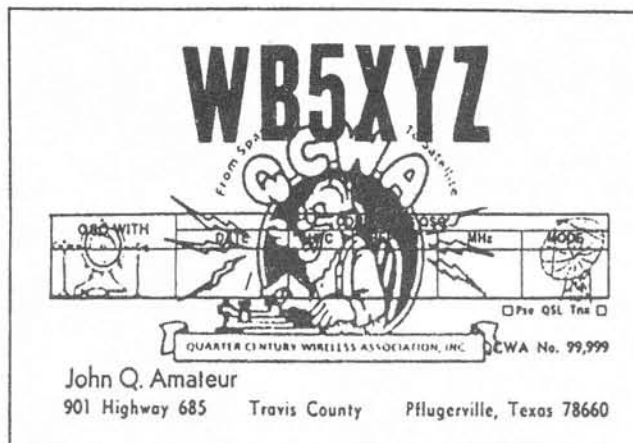
His call can be heard on voice and CW from the mountains of central PA from the W3YA repeater and as the Callsign used by the Nittany Amateur Radio Club for fieldday and other activities.

Mr. Crossley taught electrical engineering at Penn State University for 44 years. He was the mentor for many young hams including George Hart W8ARM/W1NJM who became the communications manager of the ARRL, from whom he took the away, the keys to the hamshack because he was in danger of flunking out. Mr. Crossley retired with the rank of Professor Emeritus. He and his wife Navonne had twin son's and a daughter.

His son Edward Crossley, W3SMF and ARRL life member himself has been a ham for 48 years was the special guest of the chapter at our first meeting. Ed brought with him the second of the home-brew transmitters he build in 1950. He also brought a piece of Brazilian Quartz for which they used to make the crystal for the radio. That's real home-brew! He also brought his fathers Order of the Wolfhug award from 1965. Also he had several other objects and books from his fathers station. Mr. Crossley and the members talked about the war years and the use the military had for W3YA's station during the war. All judging by the comments heard after the meeting enjoyed the meeting and we think that the new Gilbert L. Crossley chapter is off to a good start.

John Passaneau WB8E1Y

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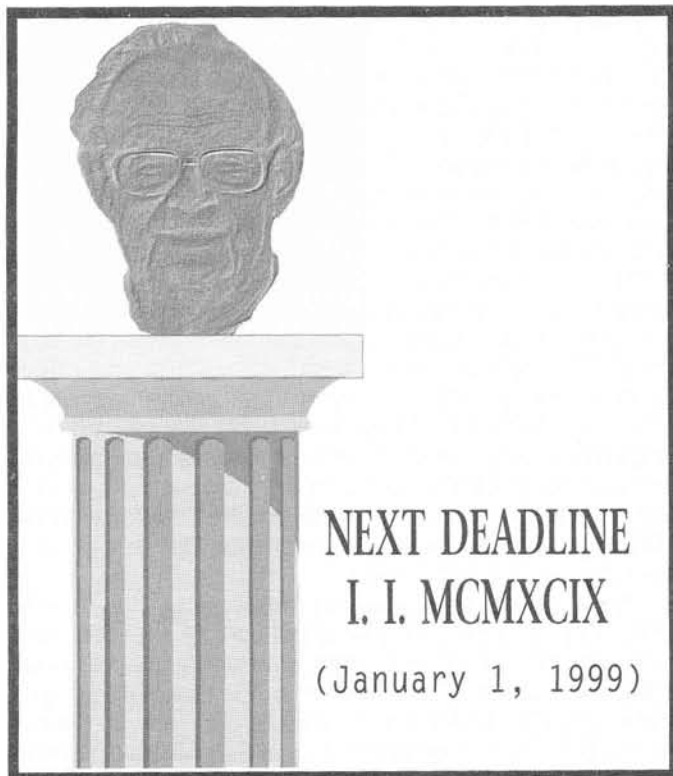
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Silent Keys

With sadness we record the passing of these members

NAME	CALL	MEMNUM	L	SK	CITY	STATE
HOOPS, LEN	W0BNU	07209	*	1997	LAKE ELSINORE	CA
GARDINER, WALTER H	K0CLJ	29414		1998	DENVER	CO
LASLEY, JOHN H SR	K0DTX	16871	*	1998	LAKEWOOD	CO
REEVES, LARRY J	WA0GKZ	21753		1998	KANSAS CITY	MO
CUSHING, EDWARD W SR	W1SHW	20352		1998	BRISTOL	CT
ADAMS, A HARVEY	W1YJ	15424	*	1998	SALISBURY	NC
CUTTING, ROBERT J	W2KGI	10458		1998	ATLANTIC BEACH	FL
HILBISH, JOHN L	K3CI	07591	*	1998	DRUMS	PA
GEORGE, JAMES N S	VE3CNS	18366	*	1998	MINDEN	ON
BAIR, FRANK	K3GDI	20987		1997	YORK	PA
KLEPPER, IRVING	W3HGD	02216	*	1998	SEVERNA PARK	MD
D'AVANZO, JOHN	W3IDD	11718		1998	PEN ARGUL	PA
GRAY, WILLIAM JR	W3JWH	23139		1998	MILFORD	DE
ALLEN, CHARLES M	W3SG	08112		1998	JESSUP	MD
DILKS, C H	W4AC	06828		1998	VENICE	FL
FUGAZZI, FRANK J	N4APQ	07830		1998	ST PETERSBURG	FL
BAITZ, ARTHUR G	K4ARE	09636		1998	STUART	FL
CRONEBERGER, LOUIS T	K4BGZ	20075		1998	VIRGINIA BEACH	VA
LONG, DENNIS C	W4DCP	15880		1998	LINCOLNTON	NC
SINGLEBACK, GEORGE W	K4HXM	13503		1998	CHESAPEAKE	VA
MORHART, JOHN A	KB4TAG	20294		1998	WINTER PARK	FL
BUCKELEW, M T	W4UR	05856		1998	FALLS CHURCH	VA
TIMFOLD, EGON CHARLES	KF4YB	27768		1998	HENDERSONVILLE	NC
HARRIS, H W JACK	KK4ZL	22784	*	1997	NEWPORT RICHEY	FL
BLAIlOCK, SIDNEY J	W5FCH	08161		1998	OKLAHOMA CITY	OK
FIELDS, KENNETH E	K5FVN	27988		1998	OKLAHOMA CITY	OK
GARDNER, TOM R	K5KZV	29206		1998	EDMOND	OK
PIKE, ERNEST E	W5NU	13192		1998	SAVOY	TX
PHILLIPS, B A	W5RPJ	11840	*	1998	GEORGETOWN	TX
ACKLEY, KEITH J	W5SQS	07171		1998	MARBLE FALLS	TX
WHITE, GEORGE A	W5VNB	15363	*	1998	RICHMOND	TX
BABIN, LEONARD E	WA6CQF	12803		1998	LAS VEGAS	NV
FLIPPIN, J BRADLEY	K6HPR	28003		1998	FAIRFAX	VA
PRIEBE, ROBERT E	W7BY	02580	*	1998	REDMOND	WA
JAUSSAUD, ALBERT A	KI7W	25625		1997	CODY	WY
MOORE, CARL W	W7YQ	13515		1998	HERMOSA BEACH	CA
HEWITT, JOHN E	K8DHN	15480		1998	LANSING	MI
DE LONG, RICHARD O	W8EMK	06299	*	1998	MANSFIELD	OH

The Quiz from



Blame it on Al La Placa W2WW

Al La Placa W2WW is a gentleman who either deserves a medal or has entirely too much time on his hands. Al has prepared a two-part quiz that will test the minds, memories and probably your patience. The quiz not only will challenge your knowledge of ham radio equipment and history but it will provide you with ample chuckles at some of the outrageous choices of answers. A word of warning: The quiz is not for the faint of heart. It's tough. Al says, "For the most part, the quiz was composed from browsing through 1945-1949 issues of QST."

As your Editor, I hereby challenge you to submit your answers to Part I of the quiz before the next deadline of January 1, 1999 in order that a winner can be announced in the Spring issue of the Journal. The person with the highest score in each part will be awarded one of the fancy new QCWA Golf Shirts. A third award for overall excellence will be considered after Part II. In case of a tie, the first answer sheet received will be deemed the winner. If I receive a pile of submissions on a given day, I will number the envelopes as they are piled in my mailbox with the lowest numbered envelope getting the nod in case of a tie. Is that confusing enough? If I get several thousand quizzes to grade - there is a good chance nobody will win because I'll probably leave the country, with no forwarding address! Just kidding. But I may have to delay announcing the winners depending on the quantity of submissions.

Please write legibly. I suggest you write the question number, a dash, followed by the lettered answer. For example: 17 - a. Submit your answers to Gerry Wentz, Editor; 672 Indian River Drive; Melbourne, FL 32935. If you have any comments on the quiz, please address them to the President, Gary Harrison KØBC at address on page 2.

World War II Surplus

- 1) The BC-610 was best known as:
 - a) Broadcast-band receiver,
 - b) Form to be filled out in triplicate,
 - c) Van-carried "mobile" transmitter,
 - d) Portable rhombic antenna,
 - e) Jeep which carried communications equipment.
- 2) The BC-348-Q was:
 - a) a weather balloon,
 - b) a portable radar,
 - c) a tank transmitter,
 - d) an intercom,
 - e) a communications receiver.
- 3) The BC-221 was:
 - a) a VHF transmitter/receiver unit:
 - b) a dyna motor,
 - c) an antenna tuning unit
 - d) a frequency meter
 - e) a U.S.O. jukebox
- 4) The SCR-522 was:
 - a) Used only on battleships,
 - b) A VHF transmitter/receiver,
 - c) A Weapons system,
 - d) An automatic direction finder
 - e) A walkie-talkie.
- 5) The HRO-W receiver covered:
 - a) 3-30 MHz,
 - b) "war bands" only,
 - c) 1.5-30MHz,
 - d) 50kHz-30MHz,
 - e) only the broadcast band.
- 6) The AN-ART-13 transmitter covered:
 - a) DC to light,
 - b) 3-30MHz,
 - c) 1.5-30MHz,
 - d) 1.5-20MHz,
 - e) 1.5-12MHz.
- 7) Were the BC-455B and the BC-696A a "matched pair" for ham use?
 - a) Yes
 - b) No
- 8) Which tube was used for an oscillator in the original BC-459A?
 - a) 1625
 - b) 1616
 - c) 1601A
 - d) 1626
 - e) 6C5
- 9) The BC-375 was best known for:
 - a) its meters
 - b) its tuning units,
 - c) its weight,
 - d) its size,
 - e) its unique frequency range.
- 10) The FT-243 was:
 - a) too heavy to carry,
 - b) a measuring stick used for antennas,
 - c) a foot-operated send/receive switch,
 - d) a crystal holder,
 - e) a compass.

1950-Era Rules and Regulations

- 11) A "class-C" license was issued to:
- those who just barely passed the general-class license exam,
 - those who couldn't pass the "class-B" license exam,
 - novices,
 - technicians,
 - those living more than 75 miles from an FCC office.
- 12) The term of the original novice-class license was:
- one year, renewable
 - for life,
 - 5 years, renewable,
 - one year, nonrenewable,
 - None of the above.
- 13) In the 1950s, what was the maximum legal input power to the final amp. In the 420-450MHz band?
- 1000 watts,
 - 500 watts,
 - 50 watts,
 - 5 watts,
 - None of the above.
- 14) Novice-class operation in the original 40M novice subbands was limited to:
- Antennas shorter than 1000 feet,
 - V.X.O.s and 50 watts input,
 - Only nighttime operation,
 - Xtal-control and 75 watts input,
 - Xtal-control and 100 watts input.
- 15) In the 1950s, which form of station ID on CW was legal?
- DE W1XYZ,
 - DE W1XYZ AR K,
 - W3XXX TO W1XYZ,
 - W1XYZ DE W3XXX,
 - DE W1XYZ KN.
- 16) Where was the first novice-class phone band assignment?
- 220-225 MHz,
 - 1.8-1.825 MHz,
 - 145-147 MHz,
 - 29.5-29.7 MHz,
 - None of the above.
- 17) In the 1950s, where was duplex (AØ) transmission legal for hams?
- 50-50.999 MHz,
 - 26.960-27.230 MHz,
 - 3.999 MHz between 0500 & 0600 GMT,
 - All of the above,
 - None of the above.
- 18) How many operating segments were there on 160 meters during the 1950s?
- 1,
 - 2,
 - 3,
 - 4,
 - 5.
- 19) What was the maximum input power allowed daytime anywhere in the USA on 160 meters in the 1950s?
- 25 watts,
 - 50 watts,
 - 100 watts,
 - 500 watts,
 - 1000 watts.
- 20) In the 1950s, what were "quiet hours"?
- Time reserved especially for listening for weak signals,
 - Non-transmit time imposed by FCC on stations with TVI problems,
 - 0000-0600 local time,
 - Any time the XYLs vacuum or sewing machine were not in use,
 - When the kids were in bed.
- 21) The "8JK" antenna is:
- Now illegal to use,
 - Unpronounceable,
 - A broadside/endfire array,
 - Made of piano wire,
 - Most effective when used in the 8th call area.
- 22) Which of the following did not market antennas in the 1950s?
- Hy-lite Antennae, Inc.,
 - Gotham Hobby Co.,
 - Premax Products Co.,
 - Webster Mfg. Co.,
 - Communications Products Co., Inc.
- 23) How many wavelengths-per-leg was the W1AW Rhombic on 20 meters?
- 1,
 - 2,
 - 3,
 - 4,
 - 5.
- 24) The Windom antenna was unique in that it:
- Never existed,
 - Was fed with 300-ohm TV line,
 - Matched any feedline at any frequency,
 - Was off-center fed by single wire,
 - Was banned in Boston.
- 25) The Sterba Curtain was:
- Located in Sterbia,
 - Put up by the Russians to keep VOA signals out,
 - Balloon supported for FD operations,
 - Required 120 above-ground radials,
 - None of the above.

26) The "Micromatch" was designed to:

- a) Match micro chips,
- b) Compare microphones,
- c) Match only very low SWRs,
- d) Match thin coax to fat antennas,
- e) Provide SWR readings on 300-ohm lines.

27) The "claim-to-fame" of W3DZZ was that he:

- a) Was top man on the DXCC honor roll for 20 years,
- b) Developed the first tri-band yagi,
- c) Wrote many antenna articles for QST,
- d) Popularized the all-band vertical antenna,
- e) Invented the Smith chart.

28) The Yagi antenna was invented by:

- a) NHK,
- b) UDA,
- c) Yagi,
- d) Sony,
- e) Thomas Alva Edison.

29) The "TZFD" antenna was:

- a) A sloping antenna,
- b) Terminated,
- c) Looked somewhat like a folded dipole antenna,
- d) All of the above,
- e) None of the above.

30) An antenna is considered to be aperiodic if:

- a) It's taken down and put back up periodically,
- b) Very Short,
- c) So long that it "tunes" the same on all bands,
- d) It's an even number of wavelengths,
- e) It's an odd number of wavelengths.

ARRL Trivia

31) F.M.T. stood for:

- a) Final maintenance of transmitter,
- b) First Multimedia transmission,
- c) Fone modulated transmitter,
- d) Frequency measurement test,
- e) None of the above.

32) C.P.C. stickers are available from HQ/W1AW for speeds up to:

- a) 50 wpm,
- b) 300 baud,
- c) 25 wpm,
- d) 35 wpm,
- e) 75 wpm.

33) "200 Meters and Down" was written by:

- a) Alfred E. Newman,
- b) Hiram P. Maxim,
- c) Clinton B. De Soto,
- d) Herbert Hoover, Sr.,
- e) Larson E. Rapp.

34) On how many acres was the original W1AW site in Newington, CT?

- a) 5,
- b) 7,
- c) 9,
- d) 12,
- e) 16.

35) Prior to moving to the W1AW site, where was ARRL HQ located?

- a) Selden Hill, West Hartford,
- b) Elsewhere in Newington,
- c) Downtown Hartford,
- d) 38 La Salle Road, West Hartford,
- e) 225 Main St., Newington.

36) In what year was the first QST published?

- a) 1915,
- b) 1916,
- c) 1917,
- d) 1918,
- e) 1919.

37) If you were to put every QST from Vol. 1 to the present in binders, how many different types of binders (ARRL issued) would you be using?

- a) 1,
- b) 2,
- c) 3,
- d) 4,
- e) 5.

38) Which is the most popular contest?

- a) Annual DX contest,
- b) Field Day,
- c) Sweepstakes,
- d) Straight-key night,
- e) 10-meter contest.

39) What did a year's subscription to QST cost in 1936?

- a) Same as now,
- b) \$1.50,
- c) \$2.50,
- d) \$3.50,
- e) \$5.00.

40) What did the charter life membership to ARRL cost when it was first offered?

- a) \$100,
- b) \$500,
- c) \$200,
- d) \$140,
- e) \$120.



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Condo Dweller Antenna

By R.S. "Tony" Hirsch now W8RSH

There are several things that condo and apartment dwellers don't get to do—have huge parties, cut the grass, clean the gutters, and have outside antennas. I don't miss the first few, but with the propagation improving, I really miss the antennas.

Luckily I have an attic. When we first moved to the new digs, leaving the old six element yagi behind, I pondered the attic antenna possibilities (and impossibilities) and I studied the ARRL Antenna Book. The dimensions available meant I was doomed to ten meters. So I set out to see what the marketplace had to offer. After careful measurements, I settled on two possibilities: a two element mini-beam engineered for 20, 15, 10, and 6 meters, and also a 10 meter HalfSquare [half-Marconi] wire beam, sold by Antennas West.

The HalfSquare arrived in a red white and blue priority mailer. In fifteen minutes I had it strung. Using a Kenwood TS-680S, which at maximum smoke conjures up 90 watts on 10 meters, I have proceeded to work DXCC in just under a year. My signal has been all over Europe, northern and central Africa, South America, the south Pacific and Japan. My reports on these long hops are consistently better on the Half Square than on the mini-beam.

The Half Square uses the phased vertical principle known for many years - Marconi used base-fed phased quarter waves. But the HalfSquare flips the feedpoint from the bottom up to the top.

How? Picture a square, with corners at 1:30, 4:30, 7:30, and 10:30. Now cut the bottom half away by slicing the square in half from 9:00 to 3:00. What you have is a long horizontal section with two shorter elements hanging from each end of it. If you feed what is left at the 10:30 corner, you have the HalfSquare.

It's a full wavelength piece of wire with a half wave across the top, with nine-foot quarter wave legs that drop down from each end. The legs in my case droop from the attic joists down into the insulation between the attic floor joists. By drooping the ends you create three electrical elements—two verticals connected by a horizontal phasing section. This center section is virtually non-radiating because the phase of current reverses at its center, causing the RF fields to cancel each other. It also produces equal in-phase currents in the 9-ft vertical radiators. Since you don't feed the radiators against a power-absorbing ground, but in effect against each other, you have a very efficient pair of phased verticals.

So, there they are, in the privacy of my attic - two

quarter wave phased verticals, with their high current radiating portions about 26 feet above earth ground. For good DX, we know that we need a low angle of radiation.

Maximum radiation from base-fed quarter wave verticals has a take-off angle about 30 degrees up from the horizon, but to work DX we want an angle less than 10 degrees. My HalfSquare, being fed at the top, and being well above ground, has a radiation angle under 10 degrees.

Check this in the ARRL Antenna Book. A basefed quarter wave over real earth will have a main lobe at 30 degrees, but at the angle we want for 10 meter DX (6 degrees) radiation is down 12 dB from the max, while the main lobe of my top-corner-fed attic HalfSquare is right on target.

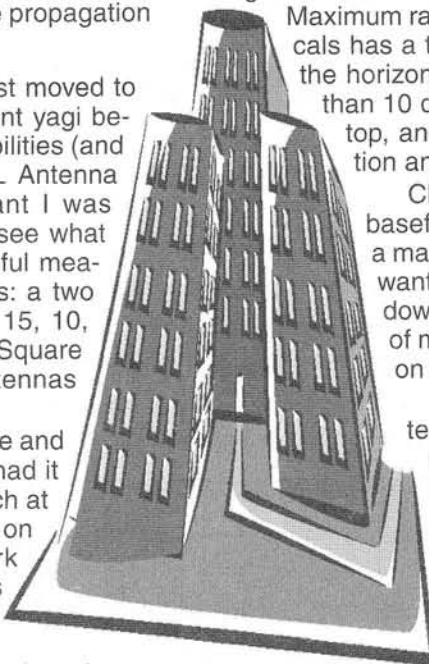
This HalfSquare is a sensible DX antenna. One reason is that the higher the maximum current point of the antenna, the better. With the HalfSquare the maximum current points are the corners, which are the highest points of the installation. Again compare it with the typical base fed vertical. The latter is only half an antenna, using ground as the other half.

When you stuff 90 watts [critters] into the hose, you want all of those critters to spray out the other end. Any loss of the critters along the way allows dB's to slip away from your signal reports. With the HalfSquare all the critters stay in the antenna, while unless you have 120 raised radials with a ground-fed vertical, half the critters run into the ground before they get to the antenna. That's worth 3dB right there.

If you decide to try a HalfSquare, select points that are as high as possible. Of course, outside is best, but hams do what they have to do. The radiators should droop to their full length. In my case they curl a bit as they get near the floor of the attic. Since the high current portion of the radiator is at the top, the lower couple of feet have almost no current and radiate virtually nothing, so the curl has no consequence. Antenna SWR as installed in my attic is under 2:1 across the entire 10 meter phone band.

HalfSquares have a broadside pattern so I run the horizontal phasing element from northwest to southeast. That throws the strongest lobes to Europe and the south Pacific. I can to work into South America and the Caribbean, but with signal reports half an S-unit less than I get on the two element mini beam.

Limited space and restrictive antenna rules probably plague a high percentage of the QCWA fraternity, but with a HalfSquare in the attic, DX is still a possibility. I do miss the ability to "turn the beam a little more on you, OM," but I can still work DX. And the neighbors don't have a clue.



1998 QCWA Scholarship Awards



QCWA General Scholarships - \$800 each

Thomas A. Brunet, KD4LMH - Round Rock, TX
James E. Catalano, KC4SZZ - Woodbridge, VA
Victoria L. Crawford, N4XDR - Virginia Beach, VA
Carolyn M. Creel, N3UXZ - Silver Spring, MD
Sarah R. Dalton, NOMAS - Lexington, MO
Christopher T. Duncan, AD4G - Asheville, NC
Jason C. Haren, KB8NOH - North Canton, OH
Jason E. Jensen, KC7UDB - Longview, WA
Arkadiusz Misztal, SQ8AQY - Cieszanow, Poland
Jason A. Pelaez, N8NDQ - Huber Hts., OH
Andrew Webb, VE3UIY - Carp, Ontario

Ralph Hasslinger (W2CVF) Charter Member Scholarship - \$1000

Christie L. Berger, NOYW - House Springs, MO

Max Jacobson - John Kelleher Family Scholarship-\$1000

David P. Swaney, N3KCS - Mifflinburg, PA

QCWA Leo Meyerson Family Living Scholarship-\$800

Adam K Lassiter, KB8UUE - Bunker Hill, WV

Donald & Phyllis Doughty Family Scholarship - \$600

Matthew P. Robbins, N8UGD - Kalamazoo, MI

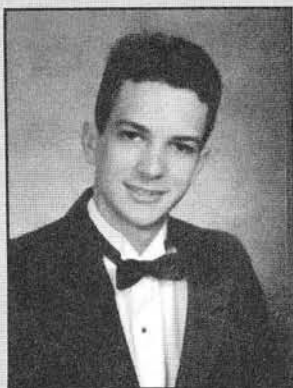
QCWA Edwin Woodruff (W3SX) Memorial Scholarship - \$600

Ramona M. Gonzales, KD6GHK - Fresno, CA

QCWA Travis Baird (W9VQD) Memorial Scholarship - \$500

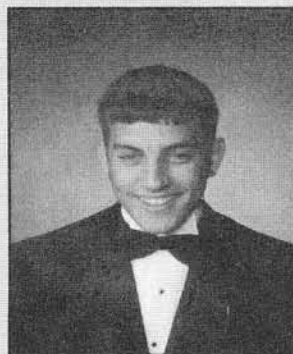
Beth A. Harris, KJ7FC - Cheyenne, WY

QCWA General Scholarships



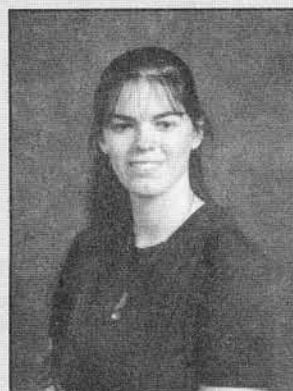
Thomas A. Brunet, KD4LMH

Thomas graduated second in his high school class of 631. He plans to major in Computer Science at the University of Texas and continue on to Graduate School. He holds a Technician Class license and is active on two meter FM. His QCWA sponsor was Howard Glueck, K5ZUA (QCWA # 24438)



James E. Catalano, KC4SZT

John plans to study Business and Marketing at West Virginia University. He holds a Technician Plus License and is active on both 2 and 10 meters. He is a member of the local radio club. Both his father and grand father are licensed. He participated in his high school's marching band for 4 years. John Thomason, K5VG (QCWA # 29198) served as his sponsor.



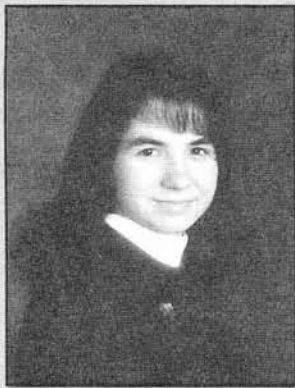
Victoria L. Crawford, N4XDR

Victoria is a previous winner of the Virginia Beach Hamfest Scholarship and expects to receive a Doctor of Pharmacy from Campbell University in 2001. She comes from an all-ham family and was a member of the very successful VA Beach Amateur Radio Club Youth Group. She has served as a volunteer in the In-Patient Pharmacy at the VA Beach General Hospital and this past summer had an internship at a local pharmacy. Her QCWA sponsor was Elias Etheridge, K4IX (#5160 L)



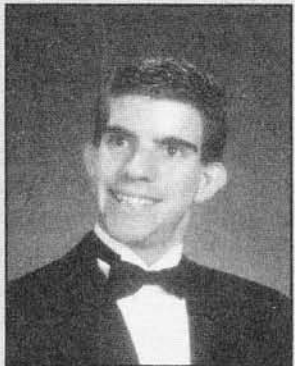
Carolyn M. Creel, N3UXZ

Last year, Carolyn was the recipient of one of the FAR Silent Key Memorial scholarships. She comes from an all-ham family and has completed a year at the University of Maryland in College Park toward a bachelor's degree in Criminal Justice. Her other activities include being a lifeguard, umpiring softball games, and a volunteer at the local Consumer Affairs Office. Her QCWA sponsor was Clarence Reaver, W3YD QCWA #28389.



Sarah R. Dalton, NØMAS

Sarah's mother, father and three brothers are licensed amateurs. She plans to major in Math at Freed-Hardeman University. With Advanced Placement credit she hopes to obtain her BS Degree in 2000 or 2001. She enjoys playing the flute and piano and is active in a variety of school activities. Her sponsor was Jack Kelleher, K4ZC, QCWA #6045.



Christopher T. Duncan, AD4G

Chris holds an Extra Class license and is active on all bands including 2 meter FM and Packet. Both his father and mother are licensed and he plans to pursue the pre-medicine course at Erskine College. Amateur radio related activities include being the Newsletter Editor for the Western Carolina Amateur Radio Society and Field Day Chairman. He is an honor student and graduated in the upper 15 % of his High School class. He hopes to become a doctor specializing in orthopedic sports medicine. He was well recommended by his sponsor Carl Smith, N4AA, (QCWA # 13855)



Jason C. Haren, KB8NOH

Jason is a General Class licensee who loves the outdoors and hopes to become a wildlife biologist. He is an honor student and will be a sophomore majoring in biology at Kent State University. He is active on both HF and VHF and especially enjoys low power CW operation. His QCWA sponsor was John Edel, K8LBZ, #18998.

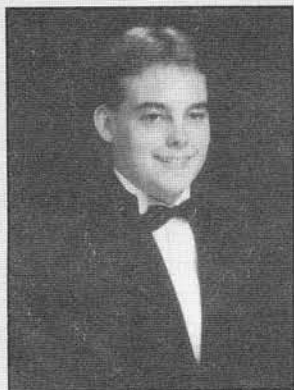


Jason E. Jensen, KC7UDB

Initially, Jason plans to seek an Associate degree in Electronics at Lower Columbia College in Longview, Washington. He holds a Technician Plus license and is active on 2 meters and 70 Cm. His QCWA sponsor was William McCleary, WB7PEI #19377.

Not Available

Arkadiusz Misztal, SQ8AQY



Jason Pelaez, N8NDQ



Andrew Webb, VE3UIY



Christie L. Berger, NØYVV

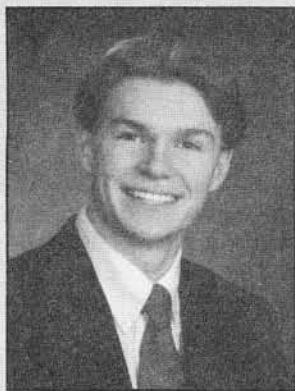
Arkadiusz is a Polish National who applied for a scholarship primarily because he was encouraged to do so by some hams he met while visiting the United States. He holds a Class B License which provides HF privileges. He attends the University of Gdansk where he is majoring in American Literature and Translation. One of his accomplishments was the construction of a 2-meter FM transceiver. His sponsor was John Swafford, W4HU - QCWA #5852

Jason plans to study Biomedical Engineering at Wright State University in Dayton, Ohio. He has a Technician Plus license and enjoys operating on 2 meters. He has demonstrated more than an average amount of high school extra-curricular activities and community involvement. His sponsor was Frank Schwab, W8OK (QCWA#7287)

Andrew will be a senior at Carleton University in Ottawa where he is majoring in Geology. He holds a Basic Canadian License and is active on both VHF and UHF. His Amateur Radio activities have included helping the Boy Scouts with their JOTA activities. His sponsor was Ralph Cameron, VE3BBM - QCWA # 8678

Ralph Hasslinger (W2CVF) Charter Member Scholarship

Christie will be majoring in Music Education at Southwest Missouri State University in Springfield. She comes from an all ham family and participated with the Amateur Radio Emergency Service during the Mississippi River flooding. In High school, she had a 4.0 grade point average and was active in various musical activities. Her QCWA sponsor was Donald Ward, WØRTV, (QCWA # 22978).



David P. Swaney, N3KCS



Ramona M. Gonzales, KD6GHK



Beth A. Harris, KJ7FC

Max Jacobson - John Kelleher Family Scholarship

David will be a junior pursuing the Mechanical Engineering curriculum at Pennsylvania State University. He holds a Technician Class license and has remained active in the Explorer Scouts while on vacation breaks. In addition while at college he serves as an Assistant Den Leader in the State College area. He hopes to introduce the troop to Amateur Radio during the coming year. His sponsor was Walter Rader, WA3DMF -QCWA #23715

QCWA Leo Meyerson Family Living Scholarship

Adam K. Lassiter, KB8UUE (*No Picture Available*)

Adam holds a Technician Class license and is active on two and six meters. He lists membership in two clubs - The Shenandoah Valley ARC and the Antietam Radio Association. He plans to major in Computer and Information Sciences at Shepherdstown College. His sponsor was Charles Ray, W9LT - #28597.

QCWA Edwin Woodruff (W3SX) Memorial Scholarship

Ramona has been accepted for the Master's program at California State University (Fresno) where she plans to specialize in Marriage, Family and Child Counseling. For her Bachelor's degree she majored in Child Development. Her volunteer experience includes working at the St. Agnes Medical Center and participating in the Boys and Girls Club of Fresno. She comes from an all-ham family and holds a Technician Class license. Her sponsor was Charles McConnell, W6DPD - QCWA # 19031.

Donald & Phyllis Doughty Family Scholarship

Matthew P. Robbins, N8UGD (*No Picture Available*)

Matthew has an Extra Class License and enjoys collecting and restoring Heathkit equipment. Several members of family are licensed. He has participated in the Volunteer Examiner Testing program for several years and indicated various items of community and extra curricular involvement. He operates on all bands and has over 150 DXCC countries confirmed. He plans to study Architecture at the University of Michigan. His sponsor was Gary Harrison, KØBC - QCWA #24266.

QCWA Travis Baird (W9VQD) Memorial Scholarship

Beth plans to major in mathematics at the University of Wyoming. Eventually she would also like to obtain a degree in Atmospheric Physics. She holds an Extra Class license and was the recipient of the Hiram Percy Maxim Award in 1994. Her Amateur Radio involvement includes participation in various Public Service events and being an officer in two radio clubs. Bennie James, W7SQT QCWA #15907 recommended her.

The Search for W1KOO

The mystery of how W1KOO became the club call of the Burlington ARC

By Jim Marciniak, N1RUI. Submitted by Loyd Wilbur, W1CX

The following story, written by Jim Marciniak, N1RUI, was printed in the club bulletin of the Burlington ARC in Burlington, Vermont. Jim has been trying to learn what is possible about the original holder of W1KOO and how it came to be used by the Burlington club in all ways that a club call can be used. The passing years had dimmed memories and Jim has found his project to be difficult. Perhaps a reader of the Journal may have some recollections of W1KOO and how his call came to be associated with the Burlington ARC. Ed.

Not long ago, on a typically dark night, I stared out my back door, and noticed the fog beginning to roll in through the trees in my back yard. At the same time, the '61 repeater ID'd, and I heard the familiar computer-generated morse-code call, "W 1 K 0 0". It started me thinking about the original holder of that call. Who was the amateur operator who held the call W1KOO, and why does our radio club use the call now? Is there some significance?

... In 1941, America was jolted from its' isolationist dreaming, to find its' Pacific fleet in ruins, and Europe in flames. Many American men and women would pay dearly for our countries' unwillingness to stand and be counted in the late 1930's, and we all learned that turning your back on a fire won't help put it out - only hard work and dedication can help.

Our leaders realized that a two-front war would be next to impossible to win. The Pacific was given only minimal help, in hopes it could hold while America expended its energy in the European Theater.

Early on, it was realized that all the Naval might we could produce was needed in the Mediterranean area. Someone would have to be drafted to try and protect the U.S. East Coast, and help ferry needed supplies across the often stormy North Atlantic sea lanes. To make matters worse, German Admiral Karl Doenitz recognized the weakness of distance for the United States, and focused the new U-boat arm, which he commanded, on the "Greenland-Iceland-UK Gap", in the North Atlantic. U-boats were ordered to concentrate in the North Atlantic, and sink anything that would float. All that was left to help ferry these needed goods from the U.S., past Greenland and Iceland, and on into England or Russia, was a small fleet of ships, consisting of a few Navy ships, and the small, comparatively under-armed U.S. Coast Guard cutter fleet.

I'm not sure who finally told me about W1KOO. -Some in our club knew that the call was originally held by someone who fought and died in the second World War. There was a feeling that the call was requested to honor this man - but no one seemed to know who he was.

My interest piqued, I remember calling Ralph, KD1R one evening, and asking what he knew. The only concrete information I got was that Ralph knew his name - - Paul

Hope. There was a feeling that he was a former Navy man, and that he may have been lost in the Pacific, but no-one seemed all that sure. I figured it couldn't be that difficult to find out more, and told KD1R I'd get back to him with more information.

50 years had passed since the end of WWII, but I was still sure it would be easy to find out something about Paul Hope - Boy, did I have a lot to learn. Repeated attempts to find information or even an obituary from the Burlington Free Press were met with the comment that no records existed, or no information was available about Paul Hope. In addition to being very frustrating, I was left with a feeling that maybe there was no way to find him - I was chasing a ghost.

The ship, a large steamer, was probably sighted by the captain of U-223 before the sun set at about 6 P.M. local time. Since the waning crescent moon had set long before the sun, the submarine probably would have surfaced after dark. It probably sent a contact report to headquarters in Germany to alert other U-boats in the area to the presence of a convoy, then raced on full power, ahead of the projected path of the steamer, to lay submerged, in wait for the target. The idea of a target probably warmed the hearts of the German submariners, who found patrolling the chilly North Atlantic waters in the vicinity of Greenland very difficult indeed. For a year, I continued searching for information wherever I could. Due to the limited time I had to spend, most of my time was spent trying to unlock some way to find information on the Internet. To my immense surprise, there did not seem to be much in the way of information there, at least to someone who knew only the name of the person, and that he died sometime between 1941 and 1945, while in some branch of the service. I found that from the wilds of Vermont, there was little open to me. If I wanted to travel, there was an immense database of information maintained by the Mormon Church, but little was available via Internet connection.

I continued to look for information, and although I didn't find much, I did receive encouragement from a number of people, both amateurs and others who had some experience with this sort of search. I was told it was likely that I would find the keys I needed when I least expected it. So I kept looking when I could. Every time the Repeater ID'd, and I heard the callsign "WIKOO" I thought of Paul Hope, and wondered when (if ever) he'd reveal himself to me.

The night would have been dark, moonless, and overcast. The convoy of 3 ships, escorted by an additional 3 aging Coast Guard ships, was making its way through the cold February North Atlantic seas, only 150 nautical miles from Cape Farewell, Greenland. The trip from Saint John's, Newfoundland to their destination in Greenland was nearly complete - but all the sailors knew that they were in dangerous waters. The U-boat menace still plagued convoys, and although the Allies were making good progress in finding and destroying Hitler's undersea wolf packs, the Greenland - Iceland - UK "gap" was still not a safe place for slow-mov

ing merchant shipping.

At 11:45 PM, the watch would have been relieved, and the "midwatch" begun. The new watch would have started the job of checking machinery readings, reviewing the orders for the day, and entering information in their "rough" logs. Below decks, men would be sleeping, writing a letter home, or maybe playing a late card game. The radioman watch might have been relieved as well, provided there were enough people qualified to monitor the radios. Perhaps Radioman 2nd class Paul Hope rubbed his eyes, and wished for a few more hours' sleep as this Wednesday morning began. My first real "break" in finding out about Paul Hope occurred this summer, and was as accidental an occurrence as one could possibly ask for.

My wife and I had spent an enjoyable afternoon driving back from dropping my eldest son at Scout camp. We had stopped in an antique store to browse, and we noticed a display for the local historical society. Sitting among the display pieces was an old bookshelf, and on it was a 3-volume set of oversize books. As I casually scanned the title, I was startled: "VERMONT RESIDENTS IN WORLD WAR II". I immediately thought of Paul Hope, and how I might have an opportunity here.

Since the display was behind a locked door, the first order of business was finding an interested party to unlock the door, then to get a look at the books. To my immense relief, a key was quickly located, and I had the volumes in my hands in minutes. The three volumes were listings, in alphabetical order, of all the people who were Vermont residents who served during the war, with brief notations concerning their status at wars' end. The State of Vermont following WW II had published it. The second volume contained the H's, so I thumbed through the yellowed pages, looking for the entry I had searched for over the past year, and then I found it - a single line:

HOPE, Paul Emile RM2c USCG 617-254 Enl: 10/14/42
MIA 2/3/43 DIA 2/3/44

- I had found Paul Hope.

The information I found was slim, but it took me a giant step forward in my search. I now knew Paul's enlistment date (October 14, 1942), the date he was declared missing (February 3, 1943), but more importantly, I now knew he had enlisted in the Coast Guard, and his Service Number. This meant I had a key to find his service information.

The terrific waste struck me almost immediately. Paul had enlisted in October, and was missing in action a bare four months later. After spending a year looking for Paul, I had now not only found a trail to follow, I had become involved with Paul Hope in some fundamental way. Dealing with the actual facts concerning his death had become a personal matter to me.

Although German optics were well-known as the best available before 1943, using a periscope could be tricky at night, and even worse in cold weather. It is very likely that U-223 surfaced to make her attack on the steamer. The sleek, low-slung silhouette of a submarine, hard to see at any time, becomes almost invisible at night. On a moonless overcast winter's night, the U-boat could have maneuvered very close to its intended victim without fear of being discovered.

As the hands of the chronometer in the U-223's com-

mand station reached 12:54, Kaptainlieutenant Karl Jorgan Wachter passed the command, "Torpedo Loss!" six hundred pounds of high explosive was on its way toward the steamship.

Since I now knew which branch of the service I was dealing with, I decided it was time to surf the web. I did a YAHOO web search on the keywords "Coast Guard", and found that the Coast Guard Academy in New London, Connecticut was on the internet. A few minutes later I found an e-mail address for the commandant, and sent a brief message describing my search, and asking for any assistance the Academy could furnish.

A few days later, I received e-mail from the duty yeoman at the Academy, with the address of the Coast Guard records office in Saint Louis, Missouri. I sent a short letter the next day, again describing my search briefly, referring to Paul Hope's Service Number, and asking for assistance. And I settled down to wait.

The explosion would have been deafening in the ship's darkened interior, filled with sleeping troops and civilian workers. The torpedo had hit the ship in the vicinity of the engine room, and the icy North Atlantic began rushing into the stricken ship. The time was now 12:55 AM. As the ship lost headway, it gradually pulled out of line with the other ships. Reports to the captain made it clear that flooding was progressing unchecked through the interior of the ship. While power was still available, the stricken ship played its searchlights across its port side, perhaps in an effort to evaluate the extent of the damage, as the other ships in the convoy altered course to attempt to help. It was already clear to the captain that the ship was sinking. Within 5 minutes of the explosion, the word was passed to the crew: "Abandon Ship!"

Of the fourteen lifeboats available, two were damaged in the explosion, and of the remaining 12, only two were able to successfully launch with survivors aboard. There probably was not enough time to launch any more. When it was discovered that some men were without lifejackets, four military chaplains aboard removed theirs, and gave them to others. Within 20 minutes, the ship was gone, leaving those who were able to struggle overboard floating in the freezing water. Those without lifejackets were first to die, as those with lifejackets rapidly became hypothermic, lost consciousness, and drifted helplessly in the night. Out of a total of 751 passengers, 130 crew, and 23 Naval Armed Guards, only 229 would survive the sinking.

Whoever said that the wheels of governmental bureaucracy turn slowly apparently never worked with the U.S. Coast Guard. My request for information, though sent to Saint Louis, was answered in about 10 days, by the Public Affairs Staff in Washington, DC.

R. M. Browning, Historian for the Coast Guard, was kind enough to send me a fairly large packet of information concerning Paul Hope. In the packet I found the name of his ship, the DORCHESTER, together with a complete, well-written description of the sinking of the ship, the rescue efforts, and a booklet detailing the Coast Guard's important work to keep the North Atlantic sea lanes open in WWII.

In this packet I found information about how personnel from the rescue vessel USCG ESCANABA placed their own lives in jeopardy by entering the frigid water to help recover

Continued on page 50

QCWA Welcomes New Members

DATE	MEMNUM	NAME	CALL	CITY	STATE	SPONSOR	SCALL
08/03/98	29543	KLEESPIE, DAVID S	WB5PSN	GREENVILLE	MS	-	-
08/03/98	29544	KETNER, ANDREW J	N3OGT	MOUNT UNION	PA	KEITH ADAMS	WA3RBK
08/03/98	29545	MC MULLEN, CHARLES W	K3CM	STATE COLLEGE	PA	KEITH ADAMS	WA3RBK
08/04/98	29546	MATSUMOTO, MASAO	JA1AYC	YOKOSUKA		DAYTON	
08/06/98	29547	COCHRAN, RICK	WO8L	PAFFTOWN	NC	-	-
08/06/98	29548	ROSEN, RONALD	K2UXP	POUGHKEEPSIE	NY	-	-
08/10/98	29549	MIHALIK, SAMUEL N	KM5MY	AUSTIN	TX	HAL HENEGAR	W5MDL
08/10/98	29550	TAYLOR, PAUL W	K1AFI	NORWICH	CT	CAL BENNETT	W1KHL
08/10/98	29551	FILES, WILBER D	W3SAY	STATE COLLEGE	PA	KEITH ADAMS	WA3RGK
08/10/98	29552	PRESTIA, CARMINE W JR	WB3ADI	STATE COLLEGE	PA	KEITH ADAMS	WA3RBK
08/11/98	29553	KLEA, DARRELL E	W5OLI	MOORE	OK	GENE NAILON	K5DLE
08/11/98	29554	RICE, KEN	W3LDE	COOPERSBURG	PA	-	-
08/11/98	29555	TURRENTINE, WALTER W JR	WA4GAI	TUCKER	GA	PHIL GOODMAN	W5YVT
08/12/98	29556	HOWELL, THOMAS	K3AYV	PETERSBURG	PA	-	-
08/12/98	29557	LAING, ALAN R	K6IKY	SANTA CLARA	CA	-	-
08/14/98	29558	MC DANIEL, RONALD A	KN4LU	GREENVILLE	GA	-	-
08/17/98	29559	LEFFLER, MIKE	K3EVQ	BERWICK	PA	WES RANGLES	W4COW
08/19/98	29560	DE FIGIO, DANIEL A	K3AXB	EDINBORO	PA	G PAUL GERBRACHT	W3QPP
08/21/98	29561	ELLENBERG, DAVID B	WA2KQP	NEW YORK	NY	-	-
08/21/98	29562	SOPER, LEONARD T	W6TQG	BIG BEAR LAKE	CA	PERRY WESTROPE	WA6LLB
08/24/98	29563	YODER, RONALD R	K3OVY	HUNTINGDON	PA	JOSEPH P MEYASH	W3WIV
08/27/98	29564	ORDY, GREG	W8WWV	CHESTERLAND	OH	-	-
08/27/98	29565	STIBAL, THOMAS J	W0TJ	LINCOLN	NE	-	-
08/27/98	29566	TOZIER, ERNEST F JR	W1GAX	BEVERLY	MA	GENE NAILON	K5DLE
08/27/98	29567	SKINNER, SHIRLEY M	W4TQE	WINTER PARK	FL	GERALD R SKINNER	K4LVZ
08/28/98	29568	CHANDLER, ALFRED W H	VK3LC	VICTORIA, AUSTRALIA		CHRISTINE HAYCOCK	WB2YBA
08/28/98	29569	GROMANN, JOHN	WA2IGO	WEST ORANGE	NJ	ANDREW RAU	W2IET
08/28/98	29570	JOERGER, JAY HERMAN	NM2M	SOMERS	NY	FRANK LAURI	KD2IX
08/28/98	29571	SAIKI, ITSUO	KH6HV	CHICAGO	IL	MIKE HOSHIKO	W9CJW
08/31/98	29572	MUNDY, EVERETT I	WA3JTU	BELLEFONTE	PA	KEITH ADAMS	WA3RBK
08/31/98	29573	OTTENBERG, DAVID	WA2DJN	OCEAN	NJ	-	-
08/31/98	29574	GUTSHALL, THOMAS S	W3BZN	ALTOONA	PA	MARTIN JOHNSON	W3YOZ
09/01/98	29575	FLEETER, RICK	WA8VGK	RESTON	VA	ROCKY ZIMMERMAN	W8UYN
09/01/98	29576	KELLEY, LEO	W3LQD	ALTOONA	PA	M E JOHNSON	W3YOZ
09/01/98	29577	TIPTON, VIRGIL	K5DYA	PAULS VALLEY	OK	GENE NAILON	K5DLE
09/03/98	29578	TOOKER, RAY L	W6TYB	COTTONWOOD	CA	-	-
09/03/98	29579	GATZIOS, NICK	W1BGL	SHREWBURY	MA	BOXBORO	
09/03/98	29580	HOM, WAI L	WB3BHT	NASHUA	NH	BOXBORO	
09/03/98	29581	SIMONEAU, JOHN PETER	KD1QS	MARLBORO	MA	BOXBORO	
09/09/98	29582	GIBSON, RONALD E	W3DDM	STATE COLLEGE	PA	KEITH ADAMS	WA3RBK
09/09/98	29583	NORMAN, LYNN D	N3CHU	ALTOONA	PA	MARTIN JOHNSON	W3YOZ
09/09/98	29584	RANDALL, DOUGLAS A	KN2Y	HAMPTON BAYS	NY	W H GROSSELFINGER	W2ATQ
09/09/98	29585	STEVANOVIC, NENAD	VE3EXY	NEPEAN	ON	-	-
09/10/98	29586	LA GRANGE, VIDI	ZS6AL	REP OF SOUTH AFRICA		ARCH DOTY	W7ACD
09/15/98	29587	HUNTER, JAMES D	W1HCJ	WESTFORD	MA	-	-
09/15/98	29588	RESNICK, ALFRED EUGENE	K3PXR	PAOLI	PA	BOXBORO	
09/15/98	29589	YOACHAM, LEON H	K6PQH	ETNA	CA	B E BURCHFIELD JR	KO6DW
09/15/98	29590	YOACHAM, MARIE A L	K6ZYR	ETNA	CA	B E BURCHFIELD JR	KO6DW
09/15/98	29591	EVANS, RICHARD L	W3FYD	SELLERVILLE	PA	-	-
09/15/98	29592	BAILEY, S RAY	N4GYN	COLUMBIA	MD	WESLEY C RANGLES	W4COW
09/15/98	29593	KRUSE, FRANCES H	W0MZI	HILL CITY	SD	ROGER L KEHM	K0ROG
09/16/98	29594	DOTY, GARY A	K9IKQ	TERRE HAUTE	IN	-	-
09/16/98	29595	EATON, LE ROY WILL	K9LE	TERRE HAUTE	IN	-	-
09/16/98	29596	LOWRY, MERRILL W	KJ6YK	HUNTINGTON BEACH	CA	FRIED HEYN	WA6WZO
09/08/98	29597	EVISON, DAVID R	W7DE	OALO ALTO	CA	-	-
09/18/98	29598	SKRYPNIK, VLADIMIR	UY5DJ	KHARKIV, UKRAINE		DAVID R EVISON	W7DE
09/18/98	29599	FILHO, EMANUEL TAVARES	PY1NEW	RIO DE JANEIRO		JACK D FORBING	K9LSB
09/23/98	29600	BIANCHI, FRANK L	W8LNB	LIVINGSTON	TX	-	-
09/24/98	29601	RAYMOND, RONALD K	K3LPR	BETHLEHAM	PA	RAY BILGER	W3TDF
09/24/98	29602	SOHL, JAMES R	KK5RIC	NOGAL	NM	IRVING MC LANE	N5KVX
09/24/98	29603	VINROOT, CHARLES A	K4KBA	CARLISLE	MA	LARRY WOODWORTH	W0HXS
09/28/98	29604	BLYSTONE, SCOTT A	K9EEE	ROCHESTER	NY	KENNETH R PALMER	K2FJ
09/28/98	29605	MARUSICH, RUDY A	W9PZT	LADD	IL	-	-
09/28/98	29606	GUINThER, GEORGE L	WB2QCK	LOCKPORT	NY	ROBERT L ROONEY	W2AET
09/28/98	29607	NEEDLER, PAUL D	W9HMR	HANOVER	IN	-	-
09/28/98	29608	SHELDON, JACK L JR	KN7Y	MESA	AZ	-	-
09/29/98	29609	CAMPBELL, CHARLES R	W6GBD	MADERA	CA	CHARLES ALLESSI	W6IEG

New Members

09/29/98 29610	NAGEL, BARTON G	W6SRK	OAKHURST	CA	ROBERT W TAUXE	W6JTA
09/29/98 29611	REDDY, ROBERT W	WB5DEC	READING	PA	RAY SHAUB	W3AXC
10/01/98 29612	COUCH, LEON W II	K4GWQ	GAINESVILLE	FL	GARY LILJEGREN	W0SH
10/02/98 29613	CONGDON, WILLIAM B	K0TQM	SIOUX FALLS	SD	ROGER L KEHM	W0DAK
10/05/98 29614	CHERNIN, TED	KH6GI	HONOLULU	HI	-	-
10/05/98 29615	LONG, JAMES P	WW9H	BELOIT	WI	-	-
10/05/98 29616	WOODWARD, JEFF P	WB9CYI	ALGONQUIN	IL	-	-
10/05/98 29617	RITCHIE, GARRY H	W8OI	HUNTINGTON	WV	CALVIN R BASHAM	W8NR
10/06/98 29618	STAHLEY, DAVID M	K8AUH	CLEVELAND	OH	ROCKY ZIMMERMAN	W8UYN
10/06/98 29619	YODER, JOHN Y JR	K4MSN	ASHEVILLE	NC	-	-
10/08/98 29620	KEPPLER, ADOLF H	DK4SY	HEILBRONN, GER	-	WERNER LEMBCKE	DL1ZC
10/08/98 29621	ROSENBERG, WILHELM	DK5OC	WEHRHEIM, GER	-	WERNER LEMBCKE	DL1ZC
10/08/98 29622	SCHLICH, KLAUS	DF3GL	BECK MEURSTEREFEL, GER	-	WERNER LEMBCKE	DL1ZC
10/08/98 29623	ZELLNER, GUENTER	KL7ZG	BERLIN, GER	-	WERNER LEMBCKE	DL1ZC
10/08/98 29624	BODENHAUSEN, MAX	W0ZZQ	HIGHLANDVILLE	MO	ROGER CRANFORD	K5ALU
10/08/98 29625	HAINS, J D	W5BMN	CROWLEY	LA	JOHN WEBB	K5ANN
10/08/98 29626	JACKSON, BARRY	W4MAY	LEXINGTON	KY	-	-
10/08/98 29627	PASSOW, ROBERT L	N3YUL	STATE COLLEGE	PA	WILBER FILES	W3SAY
10/09/98 29628	BUFFINGTON, JIM	K5JIM	ABERDEEN	MS	-	-
10/13/98 29629	HILLIARD, DONALD L	W0PW	NEOSHO	MO	BILL MC GRANNAHAN	K0ORB
10/13/98 29630	SHOULDERS, TOMMY	AA5OX	PARIS	TX	-	-

New members...
This may be you in the Year 2048



Bill Savell, W2LS proudly displays his 75-year plaque. Bill is a member of the Delaware Valley Chapter 5 in New Jersey but they are prouder of him.

Your Official QCWA Badge



The order blank is printed below. It comes with a standard clip and a bola clip.

Note that you may order it with a pocket clip at an additional cost

Bola ties are also available.

QCWA Badge Order

Call _____

First Name _____

Last Name _____

Indicate whether you want your City/State or your Chapter name and Number as bottom line on badge.

1. City and State _____

OR

2. Chapter Name and Number _____

Badge..... \$7.00

Pocket Clip (\$2.00).....

Bola Ties (\$2.50).....

Bola tie color(circle one): Black, Blue, Brown, Green, Red and White.

Total Cost.....

*Complete in full and mail with your check to:
QCWA, 159 East 16th, Eugene, OR 97401-4017*

Once Upon a Time. . .

By Earl Tonjes, W4NG et@atlantic.net

From 1952 until 1962 I was the radio operator aboard an American owned/flagged passenger-freighter (diesel powered C-1, M/V DEL CAMPO, KFAN) which made scheduled runs from our home-port of New Orleans and other Gulf U.S. ports to West Africa. These ships maintained a schedule, whether profitable or not, since they were subsidized by Uncle Sam. Our first port-of-call in West Africa was always Dakar, Senegal. Then we ran south and east, stopping at almost every country—and there were a dozen or more. None of them had adequately able stevedores, so in Monrovia, Liberia we picked up a gang of natives who did the work on deck for us, living aboard on the open decks. They were Kru, members of one of the sixteen tribes in Liberia. Monrovia was always our port of departure, also, hence we could return these hard working people to their relatives, to await our return in about six weeks (A round-trip averaged ten weeks). You can believe we heard a lot about the Liberian life from them. And, yes, they spoke English, the official language.

W1KOO - Continued from page 47

the freezing survivors of the DORCHESTER. I found that the four chaplains who gave up their lifejackets for others were the subjects of a U.S. Postage stamp, which was issued in their honor. And I found that Paul Hope left a widow, Katherine, when he died.

The DORCHESTER was sunk in 20 minutes. Rescue operations continued from 12:55 AM until 9:20 AM, and despite this there was heavy loss of life. USCG ESCANABA herself would join DORCHESTER at the bottom of the Atlantic barely six months later. U-223 was sunk on 30 March 1944 north of Palermo, Italy by British destroyers.

And what of Paul Hope? His listing of missing in action indicates he was not among the people living and dead who were brought aboard the rescue vessels at the time of sinking. Was he able to successfully abandon the sinking DORCHESTER, or was he trapped aboard? We will never know. We can only mourn his passing, and be aware of why we use W1KOO as the club callsign -to honor him, and his sacrifice. And maybe to enjoy the hobby just a bit more.

I would like to express my gratitude to the Essex Historical Society, the State of Vermont (who I learned have published compilations of residents who served in conflicts since the Civil War!), various private individuals who offered me some hope that perseverance pays off in the end, and the Coast Guard Public Affairs Staff for all the data I've been provided. To this, I have added information I researched about astronomical conditions on the day in question, and information concerning the German submarine involved.

Whoever said that the victor in armed conflict gets to write history from his point of view should note the following: While the sinking of the DORCHESTER, or even convoy action in the North Atlantic is a historical note, I have been unable to find a shred of documentation about it. After hours of research on the internet, a 5-minute search on the word "U-boat" brought me to a huge font of information on these boats, their captains, crews, shipyards they were produced in, awards won, ultimate fates, etc. It's an unfair world. ♦

However, the Kru tribal language was something else again. Maybe English was the official language, but each tribe had its own version of how to say it all, so if you want to call their lingo Gullah, okay. But I will say here that it is EXTREMELY difficult to understand even their citified/certified government officials who tried their best to say it best. I would call it Goulash...

The Politically Correct will claim Liberia's government was a democracy. Actually, it was founded just after our Civil War, as a refuge for freed slaves. However, few emigrated, yet the country lived on, the newcomers founding the capitol Monrovia. It was a one-man-show democracy where President Tubman controlled the great majority of jobs in Liberia, and had no political opposition because his erstwhile opponents had all suffered fatal accidents.

After several decades of Tubman, Tolbert took over until he was killed in 1980 by Sgt. Samuel Doe, who ruled until he was killed by Taylor, warlord of one of the two rebel groups who are now decimating the country.

My friends ashore were radio hams, either in Monrovia or Harbel, (Mrs. Harvey Firestone's maiden name) the rubber plantation about 50 miles inland since I had a ham station aboard ship. They even issued me a Liberian ham call-sign: EL0A. Don't you know THAT got a lot more attention on the air than the callsign I used until then, W4DGW/MM.

Now, if you think today's FCC call-issuing practice is confusing, that of Liberia was unique in its day. All radio amateurs were issued a one-letter call: A. Doubtless standing for "Amateur." Anyhow, the prefix was the standard for that country, EL, so the first ham call issued was EL1A, the second EL2A, and so on until I arrived, at which time EL13A had been issued. This caused total confusion on the ham bands.

My first ham "eyeball" contact ashore was Ernie Trachsel, EL10A, who used the phonetics, "Elephants, Leopards, ten alligators," to assure other hams that "Yes, there are two numerals in my call." He told me they had stopped issuing the "A" calls, and would soon re-issue all ham calls, using the numeral to indicate area, followed alphabetically by as many letters as were necessary.

When I requested my own Liberian call sign, they told me that all numbers had been used and a ship was "no place," anyhow. I suggested that a zero would indicate just that. This intrigued officialdom, so EL0A went into the call-books, but valid only as long as I was aboard THAT particular ship.

The country's largest radio installation was a huge Voice-of-America transmitter, far, far in the boonies. On the coast there was a small CW ship-to-shore station, ELC.

Monrovia was where many of our passengers disembarked (they were missionaries) but Roberts Field is probably where most U.S. visitors put foot ashore (constructed by Pan American). It was a thriving country once, with Firestone and a big iron mining operation going, plus some minor gold and diamond mining. The nice thing was that not only were they trying to speak English, but their currency was the U.S. DOLLAR!

The American-Liberians were only 5% of the population (but 100% of the ruling class) and Christians only 35 to 40 percent, so you see my contacts were limited... ♦

Chapters on the Air

NUMBER	NAME	DAY	TIME	NC	FREQ				
	SO CALIF CW	SUN	1100L	W6VHM	3695	77	NORTHERN NEW JERSEY	THU	2000L W2IET 147.285
	FLORIDA SSB	SAT	1300Z	W4NWF	3955	79	SUNFLOWER	WED	2100L VARIES 146.82
	QCWA SSB	SUN	2000Z	varies	14347	81	LONG ISLAND QCWA	SUN	1130L W2TLC 3917
	FLORIDA SSB	WED	1500Z	W4NWF	7274	81	LONG ISLAND	FRI	2030L K2YAW 146.745
	NE REGIONAL	SUN	0845L	W2AUF	3917	85	ARK-LA-TEX	MON	1930L VARIES 146.67
	QCWA CW	WED	2000E	varies	7035	87	EVERGREEN	SUN	0700L 3695
1	CLEVELAND	WED	2000L	W8LYD	146.88	89	PALMETTO STATE	SAT	0900L W4DNR 3927
2	CHICAGO AREA	1 TH	2130L	W9MOL	147.15	91	VIC CLARK	SUN	0900L VARIES 146.79
4	NORTHWEST	SUN	1200L	W7PN	3952	92	NORTHERN LIGHTS	SUN	2000L KL7CDG 146.97
4	NORTHWEST	SUN	0800L	W7PN	3650	94	ROADRUNNER	SUN	2000L WB5YYX 146.72
5	DELAWARE VALLEY	SUN	0945L	W2EEQ	3917	95	EASTERN NEW YORK	SUN	1130L WB1M 3900
6	PITTSBURGH	SUN	0830L	W8CSU	147.03	96	GATEWAY	SAT	1600Z W4KGT 3937
7	SOUTHERN CALIFORNIA	SUN	1000L	W6ZRZ	145.73	102	DAKOTA	SUN	0800L VARIES 3889
7	SOUTHERN CALIFORNIA	SUN	0900L	W6LPJ	3917	105	MIDDLE TENNESSEE	THR	2000L VARIES 146.91
7	SOUTHERN CALIFORNIA	SUN	1100L	W6VHM	3695	106	GERMAN	MON	1700Z DL0QCV 3669
8	UPPER MIDWEST	SAT	0800L	W0KHG	3877	106	GERMAN	TUE	1700Z DL1MEB 3555
9	SOUTHWEST OHIO	SUN	1330L	W8QOU	3987	107	CENTRAL FLORIDA	THUR	1230L W4LHP 14245
10	MICHIGAN	SUN	0800L	VARIES	3903	107	CENTRAL FLORIDA	SAT	0900L W4LHP 7243
12	SOUTHEAST FLORIDA	WED	2000L	VARIES	146.76	108	BEAVER STATE	WED	0800L W7LVN 3910
14	SAN DIEGO	WED	2000L	K6QS	145.52	109	BATON ROUGE	SUN	2000L VARIES 146.79
16	ARIZONA	SUN	0630L	W7ER	3890	109	BATON ROUGE	SUN	0830L VARIES 3905
17	ALLEN TOWN-BETHLEHEM	SUN	1200L	W3FYKS 3990		110	KANSAS	SAT	0730L KA0RZO 3920
19	MISSOURI	WED	1930L	KD0IR	147.15	112	YANKEE	SUN	0830L K1JJJ 3802
20	BALTIMORE	MON	2100L	W3EE	147.285	114	NORTH TEXAS	SAT	0830L WA5BXH 3941.5
21	CANTON OHIO	THU	1930L	WA8DRT 147.180		120	QCWW	TUE	1900Z K4KUU 14295
25	NEBRASKA	TUES	1900L	W0HXL	146.94	122	LAKE ERIE TRI-STATE	SUN	0930L W3QPP 3915
25	NEBRASKA	SAT	0830L	VARIES	3982	123	LEE DEFOREST	SAT	0730L VARIES 3940
28	CENTRAL NEW YORK	SUN	1030L	K2MFBS 3917		126	PIEDMONT	SUN	0845L VARIES 3935
29	FINGER LAKES	SUN	1230L	VARIES	3900	128	PELICAN	SAT	1000L K9BSL 145.29
31	READING, PA	MON	2100L	VARIES	146.91	128	PELICAN	MWF	1600L K9BSL 145.29
32	GATOR	SAT	0900L	VARIES	145.29	130	INLAND EMPIRE	WED	1930L W6HV 1.896MH
33	GUNDERSON PENN-JERS	DAILY	2000L	W3APE	3982	130	INLAND EMPIRE	SAT	0800L W6HV 3862
35	MIDCONTINENT	THU	2030L	K0YML	146.97	130	INLAND EMPIRE	FRI	1600L W6HV 3862
36	NORTHWEST INDIANA	THU	2000L	N9MRS	3703	130	INLAND EMPIRE	TUE	1930L W6JQB 147.33+
36	NORTHWEST INDIANA	WED	1930L	N9MRS	147.495	131	GULF COAST	TUE	0900L VARIES 28750
37	HARRISBURG	WED	2100L	K3IUY	147.12	135	MID-MICHIGAN	TUE	2000L VARIES 146.70
38	SAN ANTONIO	SUN	2030L	W5HRF	28650	138	CENTRAL NEW JERSEY	TUE	2200L VARIES 147.045
41	DALLAS	SUN	0715L	varies	3835	140	WYOMING	SAT	0800L W7MZV 3923
45	CITRUS	TUE	1930L	VARIES	147.195	141	HI-PLAINS	SAT	0900L VARIES 3933
46	FOUNDER'S	SUN	0845L	W2AUF	3917	142	NORTHWEST OHIO	WED	2000L W8FO 147.27+
46	FOUNDER'S	THU	2030L	W2AUF	147.36	143	NORTH COLORADO	SUN	0830L N0CG 145.115
48	TREASURE COAST	DLY	1700L	KD2XD	14.176	146	TWIN STATE	SUN	0830L VARIES 3898
48	TREASURE COAST	DLY	0800L	KD2XD	7153	149	NUTMEG	SUN	1130L W1KHL 3923
49	PEACH STATE	WED	2030L	VARIES	145.41	150	DEL-MAR-VA	SUN	0900L K3PFV 146.82
49	PEACH STATE	SAT	0900L	K4VN	3857.5	151	WILD ROSE	MON	1900L VARIES 3747
51	TEX-LA GOLD TRIANGLE	MON	1830L	WA5YCW	146.70	154	LEO MEYERSON	THUR	1830L VARIES 145.480
54	TYLER	SUN	0800L	VARIES	3835	157	PONY EXPRESS	SUN	0830L W0GGP 3955
54	TYLER	MON	1930L	W5RRM	28.650	160	UTAH	SAT	1100L VARIES 7272
55	WISCONSIN	SUN	1430L	VARIES	3985	162	SOUTHEAST WISCONSIN	THUR	2100L VARIES 147.87
58	COLORADO	SUN	0900L	VARIES	3905	165	YORK COUNTY PENNA	WED	2100L W3AXC 146.97
58	COLORADO	SUN	0930L	VARIES	146.07	166	COLONIAL	TUES	1000L W3TTW 147.21
62	SUWANNEE	SAT	0900L	W4PFJ	3940	173	GOLDEN TRIANGLE	TUE	1900L W9JRY 147.255
63	CENTRAL OKLAHOMA	THUR	1900L	W5AS	145.41	181	HUDSON VALLEY	SUN	0815L W20ZA 3917
63	CENTRAL OKLAHOMA	SUN	0800L	W5AS	3856	181	HUDSON VALLEY	TUES	2030L WA2RRK 147.060
64	EL PASO	SAT	0830L	W5RO	3933	182	NORTHEAST TENNESSEE	SUN	2100L WA4EHI 146.76
65	NIAGARA FRONTIER	SUN	1330L	W2SD	3900	183	PIONEER	SUN	1030L W1ALL 3923
70	NATIONAL CAPITAL	THUR	2000L	VARIES	147.03	188	LOST RIVER	1ST W	1915L K7RFO 146.85
73	SOUTHERN ONTARIO	SUN	0900L	VE3AGS	3773	191	MONTEREY BAY	TUES	1930L AA6T 146.70
75	CENTRAL CALIF. COAST	SAT	0800L	W6RBB	3917	194	HAWAII	1st S	1500L VARIES 7088
76	BLUE RIDGE	SAT	1000L	K4RR	3930	198	MID SIERRA	SAT	0700L W6JTA 3906
77	NORTHERN NEW JERSEY	SUN	1300L	W20JW	3917	199	PHIL LEIBLE	SUN	0930L WA0XNI 3905

Rules for the 43rd Annual QCWA QSO Parties

QCWA cordially invites all to participate in the 1999 QSO parties. All licensed Radio Amateurs world wide are invited.

Time/Dates: Two parties will be held in 1999. The first one shall commence on **13 Mar 99 at 1900 Hrs UTC** and the second one shall commence on **19 Sep 99 at 1800 Hrs UTC**. Each will run for a period of **24 Hours**. Both CW and Phone modes may be used.

Frequencies: The following 15 Bands may be used:-

1.8: 1.800 - 2.000	14.0: 14.000 - 14.150	28.3: 28.3 - 29.7
3.5: 3.500 - 3.750	14.2: 14.150 - 14.350	50: 50.0 - 54.0
3.9: 3.750 - 4.000	21.0: 21.000 - 21.200	144: 144.0 - 148.0
7.0: 7.000 - 7.150	21.2: 21.200 - 21.450	220: 220.0 - 225.0
7.2: 7.150 - 7.300	28.0: 28.000 - 28.300	UHF above 420 Mhz

Any station may be contacted on any or all of the 15 bands for a maximum of 15 QSO's per station, with no more than one QSO per Band. Any station in the same chapter may be counted only once, for a maximum of one QSO per station. No contacts on WARC bands are permitted (10, 18 and 24 Mhz Bands). No Cross Band or Repeater Contacts are allowed.

Suggested Starting Frequencies:

CW: 1910: 3520-3560: 7015-7055: 14020-14060: 21.030-21070: 28030-28070

Phone: 1910: 3850-3930: 7228-7260: 14225-14305: 21340-21390: 28300-28350

Novice CW: 3795: 7125: 21125:

The above suggested starting frequencies are slightly expanded from previous years in accordance with several suggestions from past participants.

Calling (CW or Phone): CQ QCWA

Information Exchange: Fill Columns on the Log Form. For the "year" column, indicate the last 2 digits of the year the station operator was first licensed. If the contacted station does not belong to a QCWA chapter, show the State, Province or Country of its location. The latter would apply to Non QCWA members as well as to QCWA "At Large" members (a QCWA member who does not belong to a local chapter). Simply indicate one of the above 15 Bands in the "band" column. It is not necessary for an "At Large" station to identify as such, either on the air or on the Log Form.

Scoring: Each Phone QSO is worth **one contact point**. Each CW QSO is worth **2 contact points** (show 2 points in the QSO Points Column on the Log). A **Multiplier of one point** is given for each QCWA Chapter worked and for each State, Province or Country reported from stations not belonging to a QCWA Chapter. A total of **only one multiplier point** will be given for each State, Province or Country. A **Multiplier of 3 points** will be given on each of the 15 Bands for working our Headquarters Station **W2MM**.

Summary Paragraph: In order to assist the log checkers please include, along with your logs, a Summary Paragraph as shown below.

<u>QSO's</u>	<u>Contact Points</u>
CW Contacts _____	x 2 = _____
Phone Contacts _____	x 1 = _____
Total Contact Points = _____	(A)
Multipliers = _____	(B)
Total Score = A x B = _____	

Send your logs, together with the above summary paragraph to either of the following within one month:-

Art Monsees, W4BK	Don Bice, W4PCO
Apt. 1521	5511 18 th Ave. North
420 Bay Ave.,	ST. PETERSBURG FL. 33710
CLEARWATER FL. 34616 U.S.A.	U.S.A.

ALL PARTICIPANTS IN THE QSO PARTIES, INCLUDING NON-QCWA MEMBERS, ARE URGED TO SUBMIT LOGS FOLLOWING THE PARTIES NO MATTER HOW FEW OR HOW MANY CONTACTS ARE MADE.

Awards: Certificates will be awarded as follows:-
To the top 5 QCWA Member Participants
To the top 5 Non-QCWA Member Participants
To the top 5 Novice Participants

Name	Call	Final Score	
Address			
Chapter #	Novice (Yes/No)	QCWA (Yes/No)	QCWA Member #

[illegible]

1999 QCWA QSO PARTY

The following States and Provinces count as **ONE MULTIPLIER** for non QCWA member contacts and for
At large QCWA member contacts (those QCWA members not belonging to a local Chapter)

United States									
Alabama	AL	Alaska	AK	Arizona	AZ	Arkansas	AR	California	CA
Colorado	CO	Connecticut	CT	Delaware	DE	D of Columbia	DC	Florida	FL
Georgia	GA	Hawaii	HI	Idaho	ID	Illinois	IL	Indiana	IN
Iowa	IA	Kansas	KS	Kentucky	KY	Louisiana	LA	Maine	ME
Maryland	MD	Massachusetts	MA	Michigan	MI	Minnesota	MN	Mississippi	MS
Missouri	MO	Montana	MT	Nebraska	NE	Nevada	NV	New Hampshire	NH
New Jersey	NJ	New Mexico	NM	New York	NY	North Carolina	NC	North Dakota	ND
Ohio	OH	Oklahoma	OK	Oregon	OR	Pennsylvania	PA	Rhode Island	RI
South Carolina	SC	South Dakota	SD	Tennessee	TN	Texas	TX	Utah	UT
Vermont	VT	Virginia	VA	Washington	WA	West Virginia	WV	Wisconsin	WI
Wyoming	WY	W2MM							
Canada									
Alberta	AB	British Columbia	BC	Manitoba	MB	New Brunswick	NB	Newfoundland	NF
NW Territories	NT	Nova Scotia	NS	Ontario	ON	Prince Edward Is	PE	Quebec	PQ
Saskatchewan	SK	Yukon	YK						
Other Countries									

Contacts with stations belonging to one of the active QCWA Chapters listed below count as **ONE MULTIPLIER**

Ch	Wk	Ch	Wk	Ch	Wk	Ch	Wk	Ch	Wk	Ch	Wk	Ch	Wk	Ch	Wk	Ch	Wk	Ch	Wk
1		19		39		62		82		105		128		150		173		194	
2		20		40		63		84		106		130		151		174		195	
4		21		42		64		85		107		131		152		175		196	
5		23		42		65		87		108		134		154		176		198	
6		25		45		66		89		109		135		155		177		199	
7		27		46		67		91		110		137		157		180		200	
8		28		48		70		92		111		138		158		181		201	
9		29		49		72		94		112		140		160		182		202	
10		30		51		73		95		114		141		161		183		203	
11		31		53		74		96		115		142		162		186			
12		32		54		75		98		120		143		165		188			
14		33		55		76		100		121		144		166		190			
16		35		58		77		102		122		146		168		191			
17		37		59		79		103		123		148		169		192			
18		38		60		81		104		126		149		170		193			

Contacts with QCWA Memorial Station W2MM count as **THREE MULTIPLIERS** on each of the 15 bands.

Note: W2MM will be operated by one of our local chapters. Members of that chapter, and non chapter
Members within 50 miles (80 kms) will be permitted to work W2MM only once for a total of 3 Multiplier points

Member Classified

WANTED: Basket case Collins 32V3. Military or homebrew. 115 vac power supply for Collins ART-13 autotune xmtr. Carl W3BRX. 247 W. Maple St., York PA 17403-2114.

PERSONALIZED STATION I.D.: Dress up your shack with a beautiful framed, on parchment, all original station ID. For details W1LHY; PO Box 147, Marion, MA 02738; Email: enja@capecod.net

WANTED: B & W band-switching pi-network Model 851 or equal. Consider new or used in good condition. Wayne Flickinger W9BKJ. 1445 Bencreek Dr., Marietta, GA 30062. Ph: 770-321-1849 or W9BKJ@juno.com

WANTED: SWAN 600-R, 600-T, 600-series accessories in top condition for my personal use; Also 117XC, AF-800; Jan Robbins, N0JR, 1120 Walnut St. Cedar Falls, IA 50613, (319) 277-1499, email: Jan.Robbins@uni.edu

WANTED: Vibroplex Zephyr bug (3 inch base). Collins Signal magazines. Early Collins goods, 4A transmitter. McElroy bug. KN9VKY QSL. Brian Roberts, k(VKY, 130 Tara Dr., Fombell PA 16123.

WANTED: Collins 51S1, KWM-380, 651S1; RME-9; National HRO-500, NC-400; Hallicrafters SX-88, SX-73; Hammarlund Pro 310; Drake TR-6, R4C. Steve, K6PFW. 848 N. Silverwood. Upland CA 91786. Ph: 909-985-1062. E-mail - wsbarnes@eee.org

NEEDED: Copy of Hand Book, or schem. and parts layout for "REGENCY MX7000", SCANNER. JOHN W. SWANCARA K4LOD MEMBER CHAPTER 76-27815

FOR SALE: HQ110A Hammarlund receiver with 6-160 and factory installed 2m. Very good condition. E mail: Alan at VE6CCR@aol.com for particulars.

FOR SALE: Contest 12/17 rotatable dipole. Excellent gain. Good condition. E mail Alan at VE6CCR@aol.com for particulars.

WANTED: Lysco "mobile" transmitter sold in the 1950s. These units had three 6V6s and came in several bands. Power supply was separate (not supplied), xtal controlled, and could be used on CW or be clamp tube modulated through the cathode circuit of the final. Case approximately 5x6x8 inches. W4TPN, eaosro@mindspring.com - 321 Shirley Avenue Norfolk VA 23517

HELP: I have a Tempo 2020, defective mode switch. Do some Yaesu rigs use this? Replacement suggestions? Help! W0RJZ Jack Robinson, Box 674 Creston Iowa 50891. Ph 515-782-2205 or jhrod@creston.heartland.net

FOR SALE: Hammarlund HQ 180A with speaker mint condition - \$275. National HRO 50T1 - \$175 mint condition. Plus shipping. Steve K6HPA. 2714 Monterey Rd., San Marino CA 91108. Ph: 626-441-1058

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Kindly limit ads to 25 words. Words are counted as follows: WANTED, FOR SALE, FREE, etc count as 1 word; your address counts as 6 words.

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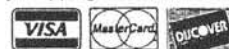
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This form for use by all U.S. applicants
for membership in QCWA.
Effective 4/1/96

For Office Use Only

Membership No. _____

Date _____

First Licensed, Year _____

Deposit Record _____

Have you been previously enrolled in QCWA? _____

I, _____, _____

(Please Print Name Clearly)

Present Callsign _____

having been licensed as an amateur 25 or more years ago and presently holding the call listed above (it is not necessary to have been licensed the entire 25 years) hereby apply for membership in QCWA. I understand that proof of the original date of licensing is required. My complete mailing address is:

Street Address _____

City _____

State _____

Zip _____

I will keep QCWA Headquarters advised of changes in my address and/or callsign. My first amateur license was issued _____ Other calls held _____

I wish to become affiliated with QCWA Chapter _____

Date of birth _____ Birthplace _____

Present occupation/business _____

If retired, what was major life work? _____

Other organizations you belong to _____

Your signature _____

SCHEDULE OF MEMBERSHIP FEES

Select one of the following plans

	Members	Family
QCWA dues for a one-year period	\$20	_____
QCWA dues for a two-year period	\$35	_____
QCWA dues for a three-year period	\$50	\$12 _____
QCWA life membership	\$300	\$90 _____
Payable in 3 equal installments of \$105 each, in a one-year period	\$315	\$105 _____ (3 payments of \$35)

Initial registration fee, all new members - \$3

Gold membership pins are available, your call engraved, no year tags. Check type of fastener.

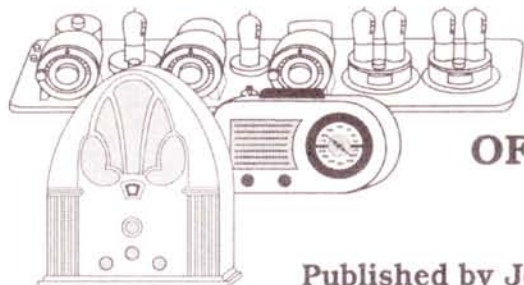
Tie tack _____, Screw button _____, Safety pin _____, ----- \$10 each _____

Year tag pins - 25, 30, 35, 40, 45, 50, 55, 60, 65, 70 or 75 (tie-tac only) - \$15 each _____

Total _____

Proposed by _____, **Callsign** _____, **No.** _____

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